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Welcome to STN International! Enter x:X

LOGINID:esptasxsl626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	3	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	4	AUG 13	CA/Caplus enhanced with additional kind codes for granted patents
NEWS	5	AUG 20	CA/Caplus enhanced with CAS indexing in pre-1907 records
NEWS	6	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	7	AUG 27	USPATOLD now available on STN
NEWS	8	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	9	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	10	SEP 13	FORIS renamed to SOFIS
NEWS	11	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	12	SEP 17	CA/Caplus enhanced with printed CA page images from 1967-1998
NEWS	13	SEP 17	Caplus coverage extended to include traditional medicine patents
NEWS	14	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	15	OCT 02	CA/Caplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	16	OCT 19	BEILSTEIN updated with new compounds
NEWS	17	NOV 15	Derwent Indian patent publication number format enhanced
NEWS	18	NOV 19	WPIX enhanced with XML display format
NEWS	19	NOV 30	ICSD reloaded with enhancements
NEWS	20	DEC 04	LINPADOCDB now available on STN
NEWS	21	DEC 14	BEILSTEIN pricing structure to change
NEWS	22	DEC 17	USPATOLD added to additional database clusters
NEWS	23	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS	24	DEC 17	DGENE now includes more than 10 million sequences
NEWS	25	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS	26	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS	27	DEC 17	CA/Caplus enhanced with new custom IPC display formats
NEWS	28	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS	29	JAN 02	STN pricing information for 2008 now available
NEWS	30	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	31	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	32	JAN 28	MARPAT searching enhanced
NEWS	33	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	34	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment

NEWS 35 JAN 28 MEDLINE and LMedline reloaded with enhancements
NEWS 36 FEB 08 STN Express, Version 8.3, now available
NEWS 37 FEB 20 PCI now available as a replacement to DPCI

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:46:00 ON 21 FEB 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:46:10 ON 21 FEB 2008
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 20 FEB 2008 HIGHEST RN 1004854-20-9
DICTIONARY FILE UPDATES: 20 FEB 2008 HIGHEST RN 1004854-20-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> s N-tert-butyl-2-(6-(phenylethynyl)pyridin-3-yl)imidazo[2,1-a]isoquinolin-3-amine
MISSING OPERATOR 'T-BUTYL-2-(6-'

=> s N-t-butyl-2-(6-(phenylethynyl)pyridin-3-yl)imidazo[2,1-a]isoquinolin-3-amine
MISSING OPERATOR 'T-BUTYL-2-(6-'

=> s [2-(5-phenylethynyl-thiophen-2-yl)-imidazo[1,2-a]pyridin-3-yl]-amine

MISSING OPERATOR '[2-(5-PHENYLET'

```
=> s 2-5-phenylethynyl-thiophen-2-yl-imidazol,2-apyridin-3-yl-amine
25131542 2
14028847 5
23203 PHENYLETHYNYL
37978 THIOPHEN
25131542 2
18593051 YL
0 IMIDAZOL,2
0 APYRIDIN
20034661 3
18593051 YL
1855985 AMINE
L1 0 2-5-PHENYLETHYNYL-THIOPHEN-2-YL-IMIDAZOL,2-APYRIDIN-3-YL-AMINE
(2(W)5(W)PHENYLETHYNYL(W)THIOPHEN(W)2(W)YL(W)IMIDAZOL,2(W)APYR
IDIN(W)3(W)YL(W)AMINE)
```

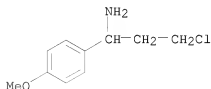
=> benzene
BENZENE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

```
=> s benzene
L2 2255706 BENZENE
```

```
=> 12
L2 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
```

```
=> d 12
```

```
L2 ANSWER 1 OF 2255706 REGISTRY COPYRIGHT 2008 ACS on STN
RN 1004619-84-4 REGISTRY
ED Entered STN: 19 Feb 2008
CN Benzenemethanamine,  $\alpha$ -(2-chloroethyl)-4-methoxy- (CA
INDEX NAME)
MF C10 H14 Cl N O
CI COM
SR CA
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

```
=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST
```

SINCE FILE	TOTAL
ENTRY	SESSION
66.10	66.31

FILE 'CAPLUS' ENTERED AT 14:48:52 ON 21 FEB 2008
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FILE COVERS 1907 - 21 Feb 2008 VOL 148 ISS 8
FILE LAST UPDATED: 20 Feb 2008 (20080220/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 10524989/pn
L3 0 10524989/PN

=>
Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:ssptasxs1626

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS	3	OCT 19	BEILSTEIN updated with new compounds
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NEWS	9	DEC 17	USPATOLD added to additional database clusters
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 of publication
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 NEWS 25 FEB 25 IFIREF reloaded with enhancements
 NEWS 26 FEB 25 IMSPRODUCT reloaded with enhancements

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FILE 'HOME' ENTERED AT 13:42:54 ON 26 FEB 2008

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CAPLUS' ENTERED AT 13:43:05 ON 26 FEB 2008
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FILE COVERS 1907 - 26 Feb 2008 VOL 148 ISS 9
 FILE LAST UPDATED: 25 Feb 2008 (20080225/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
 They are available for your review at:

<http://www.cas.org/infopolicy.html>

```
=> s halpha2 receptors
      0 HALPHA2
      679883 RECEPTORS
L1      0 HALPHA2 RECEPTORS
          (HALPHA2(W) RECEPTORS)

=> s h-alpha-2 receptors
      2849529 H
      1746473 ALPHA
      9495929 2
      679883 RECEPTORS
L2      0 H-ALPHA-2 RECEPTORS
          (H(W) ALPHA(W) 2 (W) RECEPTORS)
```

```
=> s receptors and adrenergic
      679883 RECEPTORS
      77127 ADRENERGIC
L3      39489 RECEPTORS AND ADRENERGIC
```

```
=> s l3 and alpha
      1746473 ALPHA
L4      22726 L3 AND ALPHA
```

```
=> s l4 and 2
      9495929 2
L5      14228 L4 AND 2
```

```
=> s l3 and (alpha with 2)
      1746473 ALPHA
      9495929 2
      110851 ALPHA WITH 2
          (ALPHA(1W) 2)
L6      8598 L3 AND (ALPHA WITH 2)
```

```
=> l6 and review
L6 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
```

```
=> s l6 and review
      2296318 REVIEW
L7      473 L6 AND REVIEW
```

```
=> l7 and (depression or anxiety or movement or psychosis or weight or anxiolytic
or parkinson's)
L7 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
```

```
=> s l7 and (depression or anxiety or movement or psychosis or weight or anxiolytic
or parkinson's)
MISMATCHED QUOTE 'PARKINSON'S'
Quotation marks (or apostrophes) must be used in pairs,
one before and one after the expression you are setting
off or masking.
```

```
=> s l7 and (depression or anxiety or movement or psychosis or weight or anxiolytic
or parkinson)
```

86659 DEPRESSION
18752 ANXIETY
125334 MOVEMENT
6697 PSYCHOSIS
156115 WEIGHT
8029 ANXIOLYTIC
25777 PARKINSON
L8 44 L7 AND (DEPRESSION OR ANXIETY OR MOVEMENT OR PSYCHOSIS OR WEIGHT
OR ANXIOLYTIC OR PARKINSON)

=> s 18

86659 DEPRESSION
18752 ANXIETY
125334 MOVEMENT
6697 PSYCHOSIS
156115 WEIGHT
8029 ANXIOLYTIC
25777 PARKINSON
L9 44 L7 AND (DEPRESSION OR ANXIETY OR MOVEMENT OR PSYCHOSIS OR WEIGHT
OR ANXIOLYTIC OR PARKINSON)

=> d 18

L8 ANSWER 1 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:1353951 CAPLUS
TI Agmatine metabolic pathway and spectrum of activity in brain
AU Halaris, Angelos; Plietz, John
CS Department of Psychiatry and Behavioral Neurosciences, Loyola University
Stritch School of Medicine, Loyola University Chicago, Maywood, IL, USA
SO CNS Drugs (2007), 21(11), 885-900
CODEN: CNDREF; ISSN: 1172-7047
PB Wolters Kluwer Health
DT Journal; General Review
LA English

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	61.33	61.54

FILE 'STNGUIDE' ENTERED AT 13:46:57 ON 26 FEB 2008
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Feb 22, 2008 (20080222/UP).

=> d 18 2-10

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L8 ANSWER 2 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:994117 CAPLUS
DN 147:419078
TI Duloxetine. A review of its use in the treatment of major
depressive disorder
AU Frampton, James E.; Plosker, Greg L.
CS Wolters Kluwer Health | Adis, Auckland, N. Z.
SO CNS Drugs (2007), 21(7), 581-609

CODEN: CNDREF; ISSN: 1172-7047

PB Wolters Kluwer Health
DT Journal; General Review
LA English

RE.CNT 124 THERE ARE 124 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:1039299 CAPLUS

DN 147:22182

TI New pharmacologic horizons in the treatment of Parkinson disease

AU Bonuccelli, Ubaldo; Del Dotto, Paolo

CS Department of Neuroscience, University of Pisa and Neurology Unit, Pisa,
Italy

SO Neurology (2006), 67(7, Suppl. 2), S30-S38

CODEN: NEURAI; ISSN: 0028-3878

PB Lippincott Williams & Wilkins

DT Journal; General Review

LA English

RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:984781 CAPLUS

DN 146:513215

TI Genetics of antipsychotic treatment emergent weight gain in
schizophrenia

AU Mueller, Daniel J.; Kennedy, James L.

CS Department of Psychiatry, Charite University Medicine Berlin, Berlin,
10559, Germany

SO Pharmacogenomics (2006), 7(6), 863-887

CODEN: PARMFL; ISSN: 1462-2416

PB Future Medicine Ltd.

DT Journal; General Review

LA English

RE.CNT 180 THERE ARE 180 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:173864 CAPLUS

DN 145:158696

TI The effects of serotonin uptake inhibitors on platelet serotonin: from
basic to clinical research

AU Muck-Seler, Dorotea; Pivac, Nela; Sagud, Marina; Mustapic, Maja;
Jakovljevic, Miro

CS Rudjer Boskovic Institute, Zagreb, Croatia

SO Trends in Serotonin Uptake Inhibitor Research (2005), 29-53. Editor(s):
Shirley, Anne C. Publisher: Nova Science Publishers, Inc., Hauppauge, N.
Y.

CODEN: 69HVPE; ISBN: 1-59454-338-0

DT Conference; General Review

LA English

RE.CNT 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:107038 CAPLUS

DN 145:55182

TI Drugs in development for Parkinson's disease: an update

AU Johnston, Tom H.; Brotchie, Jonathan M.

CS Toronto Western Research Institute Toronto Western Hospital, University
Health Network, Toronto, ON, M5T 2S8, Can.

SO Current Opinion in Investigational Drugs (Thomson Scientific) (2005),
Volume Date 2006, 7(1), 25-32
CODEN: COIDAZ; ISSN: 1472-4472
PB Thomson Scientific
DT Journal; General Review
LA English
RE.CNT 87 THERE ARE 87 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:1050229 CAPLUS
DN 143:359326
TI α 1-Adrenoceptors as potential therapeutic targets
AU Sarma, P. K. S.; Tiwari, Atul; Pal, Arani
CS Department of Medicinal Chemistry-NDDR, Ranbaxy Research Laboratories,
Gurgaon(Haryana), 122001, India
SO Expert Opinion on Therapeutic Patents (2005), 15(10), 1333-1351
CODEN: EOTPEG; ISSN: 1354-3776
PB Ashley Publications Ltd.
DT Journal; General Review
LA English
RE.CNT 136 THERE ARE 136 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:1040300 CAPLUS
DN 144:184743
TI Does the panic attack activate the hypothalamic-pituitary-adrenal axis?
AU Graeff, Frederico G.; Garcia-Leal, Cybele; Del-Ben, Cristina M.;
Guimaraes, Francisco S.
CS Departamento de Neurologia, Psiquiatria e Psicologia Medica, Hospital das
Clinicas da Faculdade de Medicina de Ribeirao Preto, Universidade de Sao
Paulo, Ribeirao Preto, SP, 14048-900, Brazil
SO Anais da Academia Brasileira de Ciencias (2005), 77(3), 477-491
CODEN: AABCAD; ISSN: 0001-3765
PB Academia Brasileira de Ciencias
DT Journal; General Review
LA English
RE.CNT 87 THERE ARE 87 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:662977 CAPLUS
DN 143:378838
TI Risperidone. A review of its use in the treatment of bipolar
mania
AU Fenton, Caroline; Scott, Lesley J.
CS Adis International Limited, Auckland, N. Z.
SO CNS Drugs (2005), 19(5), 429-444
CODEN: CNDREF; ISSN: 1172-7047
PB Adis International Ltd.
DT Journal; General Review
LA English
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:479092 CAPLUS
DN 143:125559
TI Novel pharmacological strategies for motor complications in
Parkinson's disease
AU Konitsiotis, Spiros

CS Department of Neurology, University of Ioannian Medical School, Ioannina,
GR-45110, Greece
SO Expert Opinion on Investigational Drugs (2005), 14(4), 377-392
CODEN: EOIDER; ISSN: 1354-3784
PB Ashley Publications Ltd.
DT Journal; General Review
LA English
RE.CNT 155 THERE ARE 155 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 13:42:54 ON 26 FEB 2008)

FILE 'CAPLUS' ENTERED AT 13:43:05 ON 26 FEB 2008

L1 0 S HALPHA2 RECEPTORS
L2 0 S H-ALPHA-2 RECEPTORS
L3 39489 S RECEPTORS AND ADRENERGIC
L4 22726 S L3 AND ALPHA
L5 14228 S L4 AND 2
L6 8598 S L3 AND (ALPHA WITH 2)
L7 473 S L6 AND REVIEW
L8 44 S L7 AND (DEPRESSION OR ANXIETY OR MOVEMENT OR PSYCHOSIS OR WEI
L9 44 S L8

FILE 'STNGUIDE' ENTERED AT 13:46:57 ON 26 FEB 2008

FILE 'CAPLUS' ENTERED AT 13:47:12 ON 26 FEB 2008

FILE 'STNGUIDE' ENTERED AT 13:47:13 ON 26 FEB 2008

=>

=> d 19 11-20

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L9 ANSWER 11 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:275002 CAPLUS
DN 143:319199
TI Pathophysiology of Parkinson's disease, neurochemical pathology:
other neurotransmitters
AU Mizuno, Yoshikuni
CS Department of Neurology, Juntendo University School of Medicine, Tokyo,
Japan
SO Parkinson's Disease (2005), 443-477. Editor(s): Ebadi, Manuchair;
Pfeiffer, Ronald E. Publisher: CRC Press LLC, Boca Raton, Fla.
CODEN: 69GSAJ; ISBN: 0-8493-1590-5
DT Conference; General Review
LA English
RE.CNT 220 THERE ARE 220 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:249222 CAPLUS
DN 143:70724
TI CNS targets for multi-functional drugs in the treatment of Alzheimer's and
Parkinson's diseases
AU Youdim, M. B. H.; Buccafusco, J. J.
CS Technion-Rappaport Family-Faculty of Medicine, Eve Topf and US National

Parkinson Foundation Centers of Excellence for Neurodegenerative Diseases,
Haifa, Israel

SO Journal of Neural Transmission (2005), 112(4), 519-537
CODEN: JNTRF3; ISSN: 0300-9564

PB Springer Wien

DT Journal; General Review

LA English

RE.CNT 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:320196 CAPLUS

DN 141:86353

TI Central monoamines and their role in major depression

AU Elhwuegi, Abdalla Salem

CS Faculty of Pharmacy and Health Sciences, Department of Pharmacology and
Toxicology, Ajman University of Science and Technology (AUST) Network, Abu
Dhabi, United Arab Emirates

SO Progress in Neuro-Psychopharmacology & Biological Psychiatry (2004),
28(3), 435-451

CODEN: PNPPD7; ISSN: 0278-5846

PB Elsevier Science B.V.

DT Journal; General Review

LA English

RE.CNT 147 THERE ARE 147 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 14 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:157387 CAPLUS

DN 139:239380

TI Duloxetine Eli Lilly

AU Anttila, Sami; Leinonen, Esa

CS Department of Psychogeriatrics, Tampere University Hospital, Pitkanieni,
FIN-33380, Finland

SO Current Opinion in Investigational Drugs (PharmaPress Ltd.) (2002), 3(8),
1217-1221

CODEN: COIDAZ; ISSN: 1472-4472

PB PharmaPress Ltd.

DT Journal; General Review

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 15 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:151546 CAPLUS

DN 139:46227

TI New approaches in the treatment of overactive bladder: Targeting
adrenergic receptors and neurokinin receptors

AU Ishizuka, O.

CS Department of Urology, Shinshu University School of Medicine, Matsumoto,
390-8621, Japan

SO Current Medicinal Chemistry: Central Nervous System Agents (2003), 3(1),
43-47

CODEN: CMCCCO; ISSN: 1568-0150

PB Bentham Science Publishers Ltd.

DT Journal; General Review

LA English

RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 16 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:836902 CAPLUS

DN 138:150965
TI Psychiatric disorders
AU Gurguis, George N. M.; Rush, A. John
CS Department of Psychiatry, Dallas Veterans Administration Medical Center
and University of Texas Southwestern Medical Center, Dallas, TX, USA
SO Platelets (2002), 513-537. Editor(s): Michelson, Alan D. Publisher:
Academic Press, San Diego, Calif.
CODEN: 69DFK9; ISBN: 0-12-493951-1
DT Conference; General Review
LA English
RE.CNT 449 THERE ARE 449 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 17 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:50205 CAPLUS
DN 137:118858
TI A review of the pharmacological and clinical profile of
mirtazapine
AU Anttila, Sami A. K.; Leinonen, Esa V. J.
CS Ikaalinen Mental Health Center, Department of Psychiatry, Tampere
University Hospital, FIN-33380, Finland
SO CNS Drug Reviews (2001), 7(3), 249-264
CODEN: CDREFB; ISSN: 1080-563X
PB Neva Press
DT Journal; General Review
LA English
RE.CNT 103 THERE ARE 103 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 18 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:782179 CAPLUS
DN 136:128417
TI Antidepressant pharmacotherapy
AU Retamal C., Pedro
CS Departamento de Psiquiatria, Facultad de Medicina, Universidad de Chile,
Santiago de Chile, Chile
SO Revista Medica de Chile (2001), 129(7), 813-818
CODEN: RMCHAW; ISSN: 0034-9887
PB Sociedad Medica de Santiago
DT Journal; General Review
LA Spanish
RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 19 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:554359 CAPLUS
DN 136:132382
TI Clinical and molecular genetics of ADHD and Tourette syndrome: Two related
polygenic disorders
AU Comings, David E.
CS Department of Medical Genetics, City of Hope Medical Center, Duarte, CA,
91010, USA
SO Annals of the New York Academy of Sciences (2001), 931(Adult Attention
Deficit Disorder), 50-83
CODEN: ANYAA9; ISSN: 0077-8923
PB New York Academy of Sciences
DT Journal; General Review
LA English
RE.CNT 218 THERE ARE 218 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 20 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2001:120294 CAPLUS
DN 134:217258
TI Review: reticuloruminal motility - a pharmacological target with
a difference?
AU Leek, B. F.
CS Department of Veterinary Physiology & Biochemistry, University College
Dublin, Dublin, Ire.
SO Veterinary Quarterly (2001), 23(1), 26-31
CODEN: VEQUDU; ISSN: 0165-2176
PB Royal Netherlands Veterinary Association
DT Journal; General Review
LA English
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 18 21-30

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L8 ANSWER 21 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:468525 CAPLUS
DN 133:175238
TI Mechanisms regulating hypoxic respiratory depression during
fetal and postnatal life
AU Bissonnette, John M.
CS Departments of Obstetrics and Gynecology and Cell and Developmental
Biology, Oregon Health Sciences University, Portland, OR, 97201-3098, USA
SO American Journal of Physiology (2000), 278(6, Pt. 2), R1391-R1400
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal; General Review
LA English
RE.CNT 105 THERE ARE 105 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L8 ANSWER 22 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:159659 CAPLUS
DN 133:53000
TI Imidazoline receptor agonist drugs for treatment of systemic hypertension
and congestive heart failure
AU Palkhiwala, Sameet A.; Yu, Austin; Frishman, William H.
CS Department of Medicine, Westchester Medical Center, New York Medical
College, Valhalla, NY, 10595, USA
SO Heart Disease (2000), 2(1), 83-92
CODEN: HTDSFE; ISSN: 1521-737X
PB Lippincott Williams & Wilkins
DT Journal; General Review
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L8 ANSWER 23 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:90565 CAPLUS
DN 132:259984
TI Clinical and molecular pharmacology of .alpha.2-
adrenergic receptors: novel insight from transgenic
animal models
AU Hein, L.
CS Department of Pharmacology and Toxicology, University of Wurzburg, Germany

SO Klinische Pharmakologie (1999), 19(Prediction of Clinical Drug Actions
from In-vitro Approaches--Fact or Fiction?), 25-29
CODEN: KLPHEH; ISSN: 0937-0978
PB W. Zuckschwerdt Verlag GmbH
DT Journal; General Review
LA English
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L8 ANSWER 24 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:632696 CAPLUS
DN 130:85
TI New approaches to rapid-onset antidepressants
AU Briner, Karin; Dodel, Richard C.
CS Lilly Research Laboratories, Eli Lilly and Company, Indianapolis, IN,
46285, USA
SO Current Pharmaceutical Design (1998), 4(4), 291-302
CODEN: CPDEFP; ISSN: 1381-6128
PB Bentham Science Publishers
DT Journal; General Review
LA English
RE.CNT 146 THERE ARE 146 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L8 ANSWER 25 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:39944 CAPLUS
DN 128:162496
TI Mirtazapine, an antidepressant
AU Puzantian, Talia
CS Clin. Pharm. Psychiatry, San Francisco Gen. Hosp., San Francisco, CA, USA
SO American Journal of Health-System Pharmacy (1998), 55(1), 44-49
CODEN: AHSPEK; ISSN: 1079-2082
PB American Society of Health-System Pharmacists
DT Journal; General Review
LA English
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L8 ANSWER 26 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1997:104627 CAPLUS
DN 126:139957
TI Adrenaline receptor and dopamine receptor
AU Kurose, Hitoshi
CS Fac. Pharm. Sci., Univ. Tokyo, Tokyo, 113, Japan
SO Tanpakushitsu Kakusan Koso (1997), 42(3), 316-326
CODEN: TAKKAJ; ISSN: 0039-9450
PB Kyoritsu
DT Journal; General Review
LA Japanese

L8 ANSWER 27 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1996:745710 CAPLUS
DN 126:83861
TI .alpha.2 Receptor and antidepressant
AU Sugita, Rintaro; Sekiya, Yukari; Terada, Kyoko; Sawa, Yutaka; Nomura,
Soichiro
CS Toyota Meml. Hosp., Toyota Motor Corp., Toyota, 471, Japan
SO Kekkan to Nihai (1996), 6(6), 663-669
CODEN: KENAE5; ISSN: 0917-5318
PB Medikaru Rebyusha
DT Journal; General Review
LA Japanese

L8 ANSWER 28 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1996:502266 CAPLUS
 DN 125:157516
 TI Clonidine: A critical review of its role in the treatment of
 psychiatric disorders
 AU Ahmed, Iqbal; Takeshita, Junji
 CS Hawaii State Hospital, University Hawaii, Kaneohe, HI, USA
 SO CNS Drugs (1996), 6(1), 53-70
 CODEN: CNDREF; ISSN: 1172-7047
 PB Adis
 DT Journal; General Review
 LA English

L8 ANSWER 29 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1996:432649 CAPLUS
 DN 125:75141
 TI What future for antidepressants
 AU Bourin, M.; Malinge, M.; Guittou, B.
 CS Faculte de Medecine, GIS Medicament, NANTES, 44035, Fr.
 SO Saudi Pharmaceutical Journal (1996), 4(2), 63-68
 CODEN: SPJOEM; ISSN: 1319-0164
 PB Saudi Pharmaceutical Society
 DT Journal; General Review
 LA English

L8 ANSWER 30 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1995:877604 CAPLUS
 DN 124:26675
 TI Involvement of 11-imidazoline receptors in mood disorders
 AU Piletz, John E.; Halaris, Angelos
 CS Medical Center, University Mississippi, Jackson, MS, 39216-4505, USA
 SO Annals of the New York Academy of Sciences (1995), 763(Imidazoline
 Receptor: Pharmacology, Functions, Ligands, and Relevance to Biology and
 Medicine), 510-19
 CODEN: ANYAA9; ISSN: 0077-8923
 PB New York Academy of Sciences
 DT Journal; General Review
 LA English

=> d his

(FILE 'HOME' ENTERED AT 13:42:54 ON 26 FEB 2008)

FILE 'CAPLUS' ENTERED AT 13:43:05 ON 26 FEB 2008

L1 0 S HALPHA2 RECEPTORS
 L2 0 S H-ALPHA-2 RECEPTORS
 L3 39489 S RECEPTORS AND ADRENERGIC
 L4 22726 S L3 AND ALPHA
 L5 14228 S L4 AND 2
 L6 8598 S L3 AND (ALPHA WITH 2)
 L7 473 S L6 AND REVIEW
 L8 44 S L7 AND (DEPRESSION OR ANXIETY OR MOVEMENT OR PSYCHOSIS OR WEI
 L9 44 S L8

FILE 'STNGUIDE' ENTERED AT 13:46:57 ON 26 FEB 2008

FILE 'CAPLUS' ENTERED AT 13:47:12 ON 26 FEB 2008

FILE 'STNGUIDE' ENTERED AT 13:47:13 ON 26 FEB 2008

FILE 'CAPLUS' ENTERED AT 14:07:24 ON 26 FEB 2008

FILE 'STNGUIDE' ENTERED AT 14:07:25 ON 26 FEB 2008

FILE 'CAPLUS' ENTERED AT 14:14:05 ON 26 FEB 2008

FILE 'STNGUIDE' ENTERED AT 14:14:06 ON 26 FEB 2008

=> d 18 30 -44

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L8 ANSWER 30 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:877604 CAPLUS
DN 124:26675
TI Involvement of 1l-imidazoline receptors in mood disorders
AU Piletz, John E.; Halaris, Angelos
CS Medical Center, University Mississippi, Jackson, MS, 39216-4505, USA
SO Annals of the New York Academy of Sciences (1995), 763(Imidazoline
Receptor: Pharmacology, Functions, Ligands, and Relevance to Biology and
Medicine), 510-19
CODEN: ANYAA9; ISSN: 0077-8923
PB New York Academy of Sciences
DT Journal; General Review
LA English

L8 ANSWER 1 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:1353951 CAPLUS
TI Agmatine metabolic pathway and spectrum of activity in brain
AU Halaris, Angelos; Plietz, John
CS Department of Psychiatry and Behavioral Neurosciences, Loyola University
Stitch School of Medicine, Loyola University Chicago, Maywood, IL, USA
SO CNS Drugs (2007), 21(11), 885-900
CODEN: CNDREF; ISSN: 1172-7047
PB Wolters Kluwer Health
DT Journal; General Review
LA English

L8 ANSWER 2 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:994117 CAPLUS
DN 147:419078
TI Duloxetine. A review of its use in the treatment of major
depressive disorder
AU Frampton, James E.; Plosker, Greg L.
CS Wolters Kluwer Health | Adis, Auckland, N. Z.
SO CNS Drugs (2007), 21(7), 581-609
CODEN: CNDREF; ISSN: 1172-7047
PB Wolters Kluwer Health
DT Journal; General Review
LA English
RE.CNT 124 THERE ARE 124 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:1039299 CAPLUS
DN 147:22182
TI New pharmacologic horizons in the treatment of Parkinson disease
AU Bonuccelli, Ubaldo; Del Dotto, Paolo
CS Department of Neuroscience, University of Pisa and Neurology Unit, Pisa,
Italy

SO Neurology (2006), 67(7, Suppl. 2), S30-S38
CODEN: NEURAI; ISSN: 0028-3878
PB Lippincott Williams & Wilkins
DT Journal; General Review
LA English

RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:984781 CAPLUS
DN 146:513215
TI Genetics of antipsychotic treatment emergent weight gain in schizophrenia
AU Mueller, Daniel J.; Kennedy, James L.
CS Department of Psychiatry, Charite University Medicine Berlin, Berlin, 10559, Germany
SO Pharmacogenomics (2006), 7(6), 863-887
CODEN: PARMFL; ISSN: 1462-2416
PB Future Medicine Ltd.
DT Journal; General Review
LA English

RE.CNT 180 THERE ARE 180 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:173864 CAPLUS
DN 145:158696
TI The effects of serotonin uptake inhibitors on platelet serotonin: from basic to clinical research
AU Muck-Seler, Dorotea; Pivac, Nela; Sagud, Marina; Mustapic, Maja; Jakovljevic, Miro
CS Rudjer Boskovic Institute, Zagreb, Croatia
SO Trends in Serotonin Uptake Inhibitor Research (2005), 29-53. Editor(s): Shirley, Anne C. Publisher: Nova Science Publishers, Inc., Hauppauge, N. Y.
CODEN: 69HVPE; ISBN: 1-59454-338-0
DT Conference; General Review
LA English

RE.CNT 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:107038 CAPLUS
DN 145:55182
TI Drugs in development for Parkinson's disease: an update
AU Johnston, Tom H.; Brothie, Jonathan M.
CS Toronto Western Research Institute Toronto Western Hospital, University Health Network, Toronto, ON, M5T 2S8, Can.
SO Current Opinion in Investigational Drugs (Thomson Scientific) (2005), Volume Date 2006, 7(1), 25-32
CODEN: COIDAZ; ISSN: 1472-4472
PB Thomson Scientific
DT Journal; General Review
LA English

RE.CNT 87 THERE ARE 87 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:1050229 CAPLUS
DN 143:359326
TI α 1-Adrenoceptors as potential therapeutic targets
AU Sarma, P. K. S.; Tiwari, Atul; Pal, Arani

CS Department of Medicinal Chemistry-NDDR, Ranbaxy Research Laboratories,
Gurgaon(Haryana), 122001, India
SO Expert Opinion on Therapeutic Patents (2005), 15(10), 1333-1351
CODEN: EOTPEG; ISSN: 1354-3776
PB Ashley Publications Ltd.
DT Journal; General Review
LA English
RE.CNT 136 THERE ARE 136 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:1040300 CAPLUS
DN 144:184743
TI Does the panic attack activate the hypothalamic-pituitary-adrenal axis?
AU Graeff, Frederico G.; Garcia-Leal, Cybele; Del-Ben, Cristina M.;
Guimaraes, Francisco S.
CS Departamento de Neurologia, Psiquiatria e Psicologia Medica, Hospital das
Clinicas da Faculdade de Medicina de Ribeirao Preto, Universidade de Sao
Paulo, Ribeirao Preto, SP, 14048-900, Brazil
SO Anais da Academia Brasileira de Ciencias (2005), 77(3), 477-491
CODEN: AABCAD; ISSN: 0001-3765
PB Academia Brasileira de Ciencias
DT Journal; General Review
LA English
RE.CNT 87 THERE ARE 87 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:662977 CAPLUS
DN 143:378838
TI Risperidone. A review of its use in the treatment of bipolar
mania
AU Fenton, Caroline; Scott, Lesley J.
CS Adis International Limited, Auckland, N. Z.
SO CNS Drugs (2005), 19(5), 429-444
CODEN: CNDREF; ISSN: 1172-7047
PB Adis International Ltd.
DT Journal; General Review
LA English
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:479092 CAPLUS
DN 143:125559
TI Novel pharmacological strategies for motor complications in
Parkinson's disease
AU Konitsiotis, Spiros
CS Department of Neurology, University of Ioannian Medical School, Ioannina,
GR-45110, Greece
SO Expert Opinion on Investigational Drugs (2005), 14(4), 377-392
CODEN: EOIDER; ISSN: 1354-3784
PB Ashley Publications Ltd.
DT Journal; General Review
LA English
RE.CNT 155 THERE ARE 155 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 11 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:275002 CAPLUS
DN 143:319199
TI Pathophysiology of Parkinson's disease, neurochemical pathology:

other neurotransmitters
 AU Mizuno, Yoshikuni
 CS Department of Neurology, Juntendo University School of Medicine, Tokyo, Japan
 SO Parkinson's Disease (2005), 443-477. Editor(s): Ebadi, Manuchair; Pfeiffer, Ronald E. Publisher: CRC Press LLC, Boca Raton, Fla.
 CODEN: 69GSAJ; ISBN: 0-8493-1590-5
 DT Conference; General Review
 LA English
 RE.CNT 220 THERE ARE 220 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 12 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:249222 CAPLUS
 DN 143:70724
 TI CNS targets for multi-functional drugs in the treatment of Alzheimer's and Parkinson's diseases
 AU Youdim, M. B. H.; Buccafusco, J. J.
 CS Technion-Rappaport Family-Faculty of Medicine, Eve Topf and US National Parkinson Foundation Centers of Excellence for Neurodegenerative Diseases, Haifa, Israel
 SO Journal of Neural Transmission (2005), 112(4), 519-537
 CODEN: JNTRF3; ISSN: 0300-9564
 PB Springer Wien
 DT Journal; General Review
 LA English
 RE.CNT 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 13 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:320196 CAPLUS
 DN 141:86353
 TI Central monoamines and their role in major depression
 AU Elhwuegi, Abdalla Salem
 CS Faculty of Pharmacy and Health Sciences, Department of Pharmacology and Toxicology, Ajman University of Science and Technology (AUST) Network, Abu Dhabi, United Arab Emirates
 SO Progress in Neuro-Psychopharmacology & Biological Psychiatry (2004), 28(3), 435-451
 CODEN: PNPPD7; ISSN: 0278-5846
 PB Elsevier Science B.V.
 DT Journal; General Review
 LA English
 RE.CNT 147 THERE ARE 147 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 14 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2003:157387 CAPLUS
 DN 139:239380
 TI Duloxetine Eli Lilly
 AU Anttila, Sami; Leinonen, Esa
 CS Department of Psychogeriatrics, Tampere University Hospital, Pitkaniemi, FIN-33380, Finland
 SO Current Opinion in Investigational Drugs (PharmaPress Ltd.) (2002), 3(8), 1217-1221
 CODEN: COIDAZ; ISSN: 1472-4472
 PB PharmaPress Ltd.
 DT Journal; General Review
 LA English
 RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 15 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2003:151546 CAPLUS
 DN 139:46227
 TI New approaches in the treatment of overactive bladder: Targeting
 adrenergic receptors and neurokinin receptors
 AU Ishizuka, O.
 CS Department of Urology, Shinshu University School of Medicine, Matsumoto,
 390-8621, Japan
 SO Current Medicinal Chemistry: Central Nervous System Agents (2003), 3(1),
 43-47
 CODEN: CMCCCO; ISSN: 1568-0150
 PB Bentham Science Publishers Ltd.
 DT Journal; General Review
 LA English
 RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 16 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2002:836902 CAPLUS
 DN 138:150965
 TI Psychiatric disorders
 AU Gurguis, George N. M.; Rush, A. John
 CS Department of Psychiatry, Dallas Veterans Administration Medical Center
 and University of Texas Southwestern Medical Center, Dallas, TX, USA
 SO Platelets (2002), 513-537. Editor(s): Michelson, Alan D. Publisher:
 Academic Press, San Diego, Calif.
 CODEN: 69DFK9; ISBN: 0-12-493951-1
 DT Conference; General Review
 LA English
 RE.CNT 449 THERE ARE 449 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 17 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2002:50205 CAPLUS
 DN 137:118858
 TI A review of the pharmacological and clinical profile of
 mirtazapine
 AU Anttila, Sami A. K.; Leinonen, Esa V. J.
 CS Ikaalinen Mental Health Center, Department of Psychiatry, Tampere
 University Hospital, FIN-33380, Finland
 SO CNS Drug Reviews (2001), 7(3), 249-264
 CODEN: CDREFB; ISSN: 1080-563X
 PB Neva Press
 DT Journal; General Review
 LA English
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 AU Retamal C., Pedro
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 Santiago de Chile, Chile
 SO Revista Medica de Chile (2001), 129(7), 813-818
 CODEN: RMCHAW; ISSN: 0034-9887
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CODEN: ANYAA9; ISSN: 0077-8923
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DN 134:217258
TI Review: reticulorumenal motility - a pharmacological target with
a difference?
AU Leek, B. F.
CS Department of Veterinary Physiology & Biochemistry, University College
Dublin, Dublin, Ire.
SO Veterinary Quarterly (2001), 23(1), 26-31
CODEN: VEQUDU; ISSN: 0165-2176
PB Royal Netherlands Veterinary Association
DT Journal; General Review
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fetal and postnatal life
AU Bissonnette, John M.
CS Departments of Obstetrics and Gynecology and Cell and Developmental
Biology, Oregon Health Sciences University, Portland, OR, 97201-3098, USA
SO American Journal of Physiology (2000), 278(6, Pt. 2), R1391-R1400
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal; General Review
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AU Palkhiwala, Sameet A.; Yu, Austin; Frishman, William H.
CS Department of Medicine, Westchester Medical Center, New York Medical
College, Valhalla, NY, 10595, USA
SO Heart Disease (2000), 2(1), 83-92
CODEN: HTDSFE; ISSN: 1521-737X
PB Lippincott Williams & Wilkins
DT Journal; General Review

LA English

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L8 ANSWER 23 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2000:90565 CAPLUS

DN 132:259984

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AU Hein, L.

CS Department of Pharmacology and Toxicology, University of Wurzburg, Germany

SO Klinische Pharmakologie (1999), 19(Prediction of Clinical Drug Actions
from In-vitro Approaches--Fact or Fiction?), 25-29
CODEN: KLPHEH; ISSN: 0937-0978

PB W. Zuckschwerdt Verlag GmbH

DT Journal; General Review

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L8 ANSWER 24 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:632696 CAPLUS

DN 130:85

TI New approaches to rapid-onset antidepressants

AU Briner, Karin; Dodel, Richard C.

CS Lilly Research Laboratories, Eli Lilly and Company, Indianapolis, IN,
46285, USA

SO Current Pharmaceutical Design (1998), 4(4), 291-302
CODEN: CPDEFP; ISSN: 1381-6128

PB Bentham Science Publishers

DT Journal; General Review

LA English

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L8 ANSWER 25 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:39944 CAPLUS

DN 128:162456

TI Mirtazapine, an antidepressant

AU Puzantian, Talia

CS Clin. Pharm. Psychiatry, San Francisco Gen. Hosp., San Francisco, CA, USA

SO American Journal of Health-System Pharmacy (1998), 55(1), 44-49

CODEN: AHSPEK; ISSN: 1079-2082

PB American Society of Health-System Pharmacists

DT Journal; General Review

LA English

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DN 126:139957

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AU Kurose, Hitoshi

CS Fac. Pharm. Sci., Univ. Tokyo, Tokyo, 113, Japan

SO Tanpakushitsu Kakusan Koso (1997), 42(3), 316-326

CODEN: TAKKAJ; ISSN: 0039-9450

PB Kyoritsu

DT Journal; General Review

LA Japanese

L8 ANSWER 27 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1996:745710 CAPLUS
 DN 126:83861
 TI .alpha.2 Receptor and antidepressant
 AU Sugita, Rintaro; Sekiya, Yukari; Terada, Kyoko; Sawa, Yutaka; Nomura, Soichiro
 CS Toyota Meml. Hosp., Toyota Motor Corp., Toyota, 471, Japan
 SO Kekkan to Naihi (1996), 6(6), 663-669
 CODEN: KENAE5; ISSN: 0917-5318
 PB Medikaru Rebyusha
 DT Journal; General Review
 LA Japanese

L8 ANSWER 28 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1996:502266 CAPLUS
 DN 125:157516
 TI Clonidine: A critical review of its role in the treatment of psychiatric disorders
 AU Ahmed, Iqbal; Takeshita, Junji
 CS Hawaii State Hospital, University Hawaii, Kaneohe, HI, USA
 SO CNS Drugs (1996), 6(1), 53-70
 CODEN: CNDREF; ISSN: 1172-7047
 PB Adis
 DT Journal; General Review
 LA English

L8 ANSWER 29 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1996:432649 CAPLUS
 DN 125:75141
 TI What future for antidepressants
 AU Bourin, M.; Malinge, M.; Guitton, B.
 CS Faculte de Medecine, GIS Medicament, NANTES, 44035, Fr.
 SO Saudi Pharmaceutical Journal (1996), 4(2), 63-68
 CODEN: SPJOEM; ISSN: 1319-0164
 PB Saudi Pharmaceutical Society
 DT Journal; General Review
 LA English

L8 ANSWER 30 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1995:877604 CAPLUS
 DN 124:26675
 TI Involvement of 11-imidazoline receptors in mood disorders
 AU Piletz, John E.; Halaris, Angelos
 CS Medical Center, University Mississippi, Jackson, MS, 39216-4505, USA
 SO Annals of the New York Academy of Sciences (1995), 763(Imidazoline Receptor: Pharmacology, Functions, Ligands, and Relevance to Biology and Medicine), 510-19
 CODEN: ANYAA9; ISSN: 0077-8923
 PB New York Academy of Sciences
 DT Journal; General Review
 LA English

L8 ANSWER 31 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1995:743369 CAPLUS
 DN 123:159855
 TI The selective .alpha.2-adrenoceptor antagonist mirtazapine (Org 3770) enhances noradrenergic and 5-HT1A-mediated serotonergic neurotransmission
 AU de Boer, Thijs; Ruigt, Ge S.F.
 CS Neuropharmacology Department, N.V. Organon, Oss, Neth.
 SO CNS Drugs (1995), 4(1), 29-38
 CODEN: CNDREF; ISSN: 1172-7047

PB Adis
DT Journal; General Review
LA English

L8 ANSWER 32 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1994:235207 CAPLUS
DN 120:235207
TI Medetomidine - a new selective alpha2-adrenoceptor agonist
AU Venkataraman, B. V.; Rani, M. A. Naga
CS Dep. Pharmacol., St. John's Med. Coll., Bangalore, 560 034, India
SO Indian Journal of Pharmacology (1993), 25(4), 188-92
CODEN: INJPD2; ISSN: 0253-7613
DT Journal; General Review
LA English

L8 ANSWER 33 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1993:492315 CAPLUS
DN 119:92315
TI Platelet .alpha.2-adrenoreceptors in depression: a critical examination
AU Grossman, Fred; Manji, Hussein K.; Potter, William Z.
CS Exp. Ther. Branch, Natl. Inst. Ment. Health, Bethesda, MD, 20892, USA
SO Journal of Psychopharmacology (London, United Kingdom) (1993), 7(1), 4-18
CODEN: JOPSEQ; ISSN: 0269-8811
DT Journal; General Review
LA English

L8 ANSWER 34 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1992:420796 CAPLUS
DN 117:20796
TI Evidence for hypothalamo-growth hormone dysfunction in panic disorder: profile of growth hormone (GH) responses to clonidine, yohimbine, caffeine, glucose, GRF and TRH in panic disorder patients versus healthy volunteers
AU Uhde, Thomas W.; Tancer, Manuel E.; Rubinow, David R.; Roscow, Diana B.; Boulenger, Jean Philippe; Vittone, Bernard; Gurguis, George; Geraci, Marilla; Black, Bruce; Post, Robert M.
CS Sect. Anxiety Affective Disord., Natl. Inst. Ment. Health, Bethesda, MD, 20892, USA
SO Neuropsychopharmacology (1992), 6(2), 101-18
CODEN: NEROEW; ISSN: 0893-133X
DT Journal
LA English

L8 ANSWER 35 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1991:556032 CAPLUS
DN 115:156032
TI The alpha-2 adrenoceptor vulnerability hypothesis of depression: from the clonidine growth hormone stimulation test to the genes encoding a human alpha-2 adrenoceptor and phenylethanolamine N-methyltransferase
AU Hoehe, M. R.; Goldin, L. R.; Baetge, E. E.; Lentjes, K. U.; Berrettini, W. H.
CS Clin. Neurogenet. Branch, NIMH, Bethesda, MD, 20892, USA
SO Neuropsychopharmacol., Proc. C.I.N.P. Congr., 16th (1990), Meeting Date 1988, Volume 1, 70-83. Editor(s): Bunney, William E. Publisher: Springer, Berlin, Fed. Rep. Ger.
CODEN: 57EBAZ
DT Conference; General Review
LA English

L8 ANSWER 36 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:195998 CAPLUS
 DN 112:195998
 TI Peripheral adrenergic receptors in affective illness
 and schizophrenia
 AU Pandey, Ghanshyam N.; Pandey, Subhash C.; Davis, John M.
 CS Coll. Med., Univ. Illinois, Chicago, IL, 60612, USA
 SO Pharmacology & Toxicology (Oxford, United Kingdom) (1990), 66(Suppl. 3),
 13-36
 CODEN: PHTOEH; ISSN: 0901-9928
 DT Journal; General Review
 LA English

L8 ANSWER 37 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1989:592339 CAPLUS
 DN 111:192339
 TI Platelet and brain .alpha.2-adrenoceptors in
 endogenous depression
 AU Garcia-Sevilla, Jesus A.
 CS Fac. Med., Univ. Basque Ctry., Lejona, E-48940, Spain
 SO International Congress Series (1989), 839(Recent Adv. Pharmacol. Ther.),
 421-3
 CODEN: EXMDA4; ISSN: 0531-5131
 DT Journal; General Review
 LA English

L8 ANSWER 38 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1989:494649 CAPLUS
 DN 111:94649
 TI Neurochemical and electrophysiological events underlying stress-induced
 depression in an animal model
 AU Weiss, Jay M.; Simson, Peter E.
 CS Med. Cent., Duke Univ., Durham, NC, 27710, USA
 SO Advances in Experimental Medicine and Biology (1988), 245(Mech. Phys.
 Emotional Stress), 425-40
 CODEN: AEMBAP; ISSN: 0065-2598
 DT Journal; General Review
 LA English

L8 ANSWER 39 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1989:5405 CAPLUS
 DN 110:5405
 TI Noradrenergic and serotonergic receptor system function in panic disorder
 and depression
 AU Heninger, G. R.; Charney, D. S.; Price, L. H.
 CS Sch. Med., Yale Univ., New Haven, CT, USA
 SO Acta Psychiatrica Scandinavica, Supplementum (1988), 341, 138-50
 CODEN: ASSUA6; ISSN: 0065-1591
 DT Journal; General Review
 LA English

L8 ANSWER 40 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1987:207533 CAPLUS
 DN 106:207533
 TI Glucocorticoid-induced changes in central opiate and adrenergic
 mechanisms
 AU Fekete, M. I. K.; Kanyicska, B.; Szentendrei, T.
 CS Inst. Exp. Med., Hung. Acad. Sci., Budapest, Hung.
 SO Adv. Pharmacol. Res. Pract., Proc. Congr. Hung. Pharmacol. Soc., 4th
 (1986), Meeting Date 1985, Volume 2, 277-84. Editor(s): Knoll, Jozsef;
 Kelemen, Karoly. Publisher: Pergamon, Oxford, UK.
 CODEN: 5NPA6
 DT Conference; General Review

LA English

L8 ANSWER 41 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1986:606990 CAPLUS
 DN 105:206990
 OREF 105:33356h,33357a
 TI Evaluation of studies on platelet alpha2 adrenoreceptors in depressive illness
 AU Piletz, John E.; Schubert, Daniel S. P.; Halaris, Angelos
 CS Dep. Psychiatry, Case West. Reserve Univ., Cleveland, OH, 44109, USA
 SO Life Sciences (1986), 39(18), 1589-616
 CODEN: LIFSAK; ISSN: 0024-3205
 DT Journal; General Review
 LA English

L8 ANSWER 42 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1986:102533 CAPLUS
 DN 104:102533
 OREF 104:16087a,16090a
 TI Platelet .alpha.2-adrenergic receptors in depression
 AU Kafka, Marian S.; Paul, Steven M.
 CS Clin. Neurosci. Branch, Natl. Inst. Ment. Health, Bethesda, MD, 20892, USA
 SO Archives of General Psychiatry (1986), 43(1), 91-5
 CODEN: ARGPAQ; ISSN: 0003-990X
 DT Journal; General Review
 LA English

L8 ANSWER 43 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1984:504146 CAPLUS
 DN 101:104146
 OREF 101:15769a,15772a
 TI Depression, .alpha.2-receptors and sex hormones: neuroendocrine studies in rat
 AU Eriksson, Elias; Modigh, Kjell
 CS Dep. Pharmacol., Univ. Goeteborg, Goeteborg, S-400 33, Swed.
 SO Advances in Biochemical Psychopharmacology (1984), 39(Front. Biochem. Pharmacol. Res. Depression), 161-78
 CODEN: ABPYBL; ISSN: 0065-2229
 DT Journal; General Review
 LA English

L8 ANSWER 44 OF 44 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1981:580383 CAPLUS
 DN 95:180383
 OREF 95:29947a,29950a
 TI Comparison of α -adrenoceptors at peripheral and central cardiovascular sites
 AU Kobinger, Walter
 CS Pharmacol. Dep., Ernst Boehringer Inst. Drug Res., Vienna, A-1121, Austria
 SO Perspectives in Cardiovascular Research (1981), 6(Cent. Nerv. Syst. Mech. Hypertens.), 171-8
 CODEN: PCRED9; ISSN: 0361-0527
 DT Journal; General Review
 LA English

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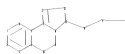
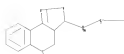
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chain nodes :
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ring nodes :
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13-14 14-15 15-21
ring bonds :
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exact/norm bonds :
5-7 6-10 7-8 7-11 8-9 8-13 9-10 11-12 12-13 13-14 14-15 15-21
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

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G1:C,O,S,N

G2:C,H,O,S,N,NH,NH2,NH3,X,Cb,Cy,Hy,Ak

Match level :

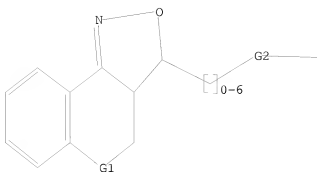
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11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 21:CLASS

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



G1 C,O,S,N

G2 C,H,O,S,N,NH,NH2,X,Cb,Cy,Hy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

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L2

672 SEA SSS FUL L1

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L3 21 L2

=> d 13 1-21 ibib hitstr

L3 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:474148 CAPLUS

DOCUMENT NUMBER: 146:492615

TITLE: Tricyclic isoxazolines: Identification of R226161 as a potential new antidepressant that combines potent serotonin reuptake inhibition and α 2-adrenoceptor antagonism

AUTHOR(S): Andres, J. Ignacio; Alcazar, Jesus; Alonso, Jose M.; Alvarez, Rosa M.; Bakker, Margot H.; Biesmans, Ilse; Cid, Jose M.; De Lucas, Ana I.; Drinkenburg, Wilhelmus; Fernandez, Javier; Font, Luis M.; Iturrino, Laura; Langlois, Xavier; Lenaerts, Ilse; Martinez, Sonia; Megens, Anton A.; Pastor, Joaquin; Pullan, Shirley; Steckler, Thomas

CORPORATE SOURCE: Research & Early Development-EU, CNS-Psychiatry, Division of Janssen-Cilag, Medicinal Chemistry Department, Johnson & Johnson Pharmaceutical Research & Development, Toledo, 45007, Spain

SOURCE: Bioorganic & Medicinal Chemistry (2007), 15(11), 3649-3660

CODEN: BMECEP; ISSN: 0968-0896

PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 146:492615

IT 452313-46-1P 452313-65-4P 452313-68-7P

452313-71-2P 452314-01-1P 452318-73-9P

452318-75-1P 722545-47-3P 936362-34-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

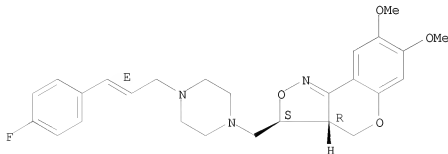
(Tricyclic isoxazolines: Identification of R226161 as a potential new antidepressant that combines potent serotonin reuptake inhibition and α 2-adrenoceptor antagonism)

RN 452313-46-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3S,3aR)-rel(-)-(CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.

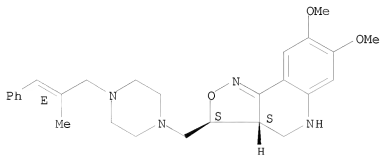
Double bond geometry as shown.



RN 452313-65-4 CAPLUS

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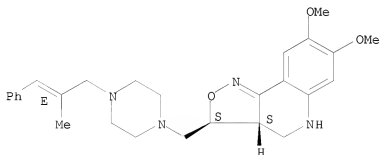
Relative stereochemistry.
Double bond geometry as shown.



RN 452313-68-7 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel-(+)- (CA INDEX NAME)

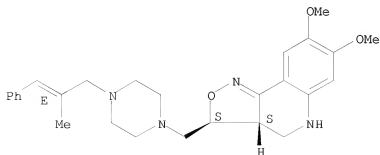
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452313-71-2 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3S,3aS)-rel-(-)- (CA INDEX NAME)

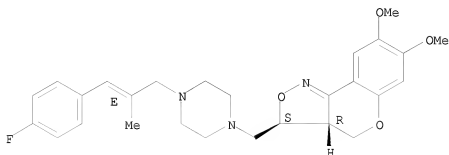
Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452314-01-1 CAPLUS

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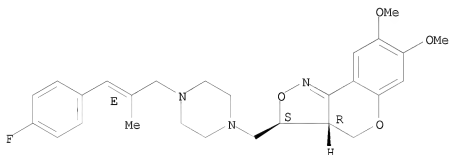
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452318-73-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

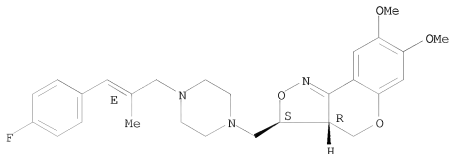
Relative stereochemistry.
Double bond geometry as shown.



RN 452318-75-1 CAPLUS

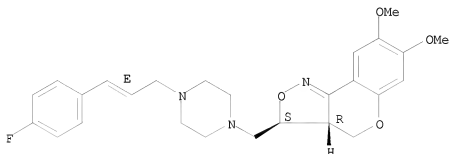
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



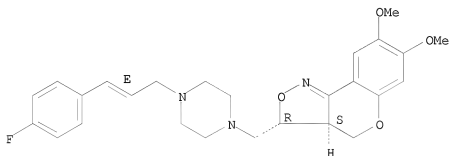
RN 722545-47-3 CAPLUS
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Relative stereochemistry.
 Double bond geometry as shown.



RN 936362-34-4 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

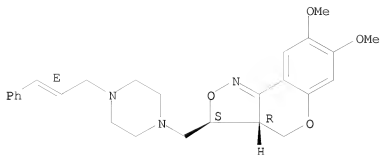
Rotation (+). Absolute stereochemistry unknown.
 Double bond geometry as shown.



IT 452313-36-9 452318-26-2
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (Tricyclic isoxazolines: Identification of R226161 as a potential new antidepressant that combines potent serotonin reuptake inhibition and α_2 -adrenoceptor antagonism)

RN 452313-36-9 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

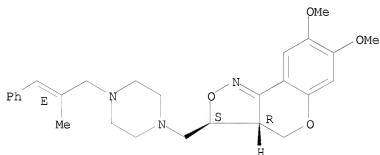


RN 452318-26-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



IT 936362-26-4P 936362-28-6P

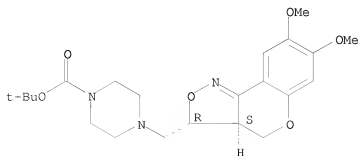
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(Tricyclic isoxazolines: Identification of R226161 as a potential new antidepressant that combines potent serotonin reuptake inhibition and α 2-adrenoceptor antagonism)

RN 936362-26-4 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-, 1,1-dimethylethyl ester, rel-(-)- (CA INDEX NAME)

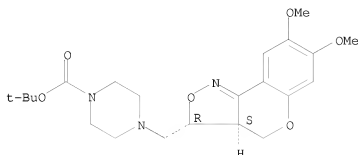
Rotation (-). Absolute stereochemistry unknown.



RN 936362-28-6 CAPLUS

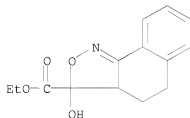
CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-, 1,1-dimethylethyl ester, rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.



REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2006:896726 CAPLUS
 DOCUMENT NUMBER: 145:419002
 TITLE: Synthesis of isoxazole-5-carboxylates by cyclization of oxime 1,4-dianions with diethyl oxalate
 AUTHOR(S): Dang, Tuan Thanh; Albrecht, Uwe; Langer, Peter
 CORPORATE SOURCE: Institut fuer Chemie, Universitaet Rostock, Rostock, 18059, Germany
 SOURCE: Synthesis (2006), (15), 2515-2522
 CODEN: SYNTBF; ISSN: 0039-7881
 PUBLISHER: Georg Thieme Verlag
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 145:419002
 IT 912347-87-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of isoxazolecarboxylates by cyclization of oxime dianions with oxalate)
 RN 912347-87-6 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-carboxylic acid, 3,3a,4,5-tetrahydro-3-hydroxy-, ethyl ester (CA INDEX NAME)



REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2006:511158 CAPLUS
 DOCUMENT NUMBER: 145:27976

TITLE: Isoxazoline-indole derivatives with an improved antipsychotic and anxiolytic activity

INVENTOR(S): Andres-Gil, Jose Ignacio; Bartolome-Nebreda, Jose Manuel; Alcazar-Vaca, Manuel Jesus; Garcia-Martin, Maria de las Mercedes; Megens, Antonius Adrianus Hendrikus Petrus

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: PCT Int. Appl., 63 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006056600	A1	20060601	WO 2005-EP56229	20051125
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
AU 2005308778	A1	20060601	AU 2005-308778	20051125
CA 2585857	A1	20060601	CA 2005-2585857	20051125
EP 1819713	A1	20070822	EP 2005-816247	20051125
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU			
CN 101084225	A	20071205	CN 2005-80040127	20051125
JP 2008521771	T	20080626	JP 2007-541989	20051125
US 20080113988	A1	20080515	US 2007-791510	20070524
PRIORITY APPLN. INFO.:			EP 2004-106123	A 20041126
			WO 2005-EP56229	W 20051125

OTHER SOURCE(S): MARPAT 145:27976

IT 888727-62-6P 888727-63-7P 888728-09-4P

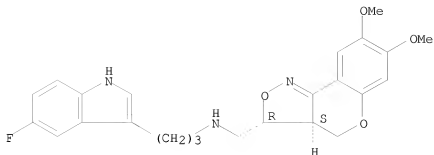
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of isoxazoline-indole derivs. with antipsychotic and anxiolytic activity)

RN 888727-62-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanamine, N-[3-(5-fluoro-1H-indol-3-yl)propyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)- (CA INDEX NAME)

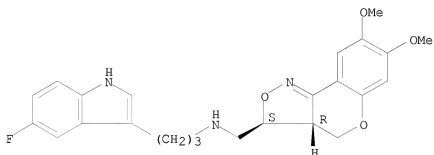
Absolute stereochemistry.



RN 888727-63-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanamine, N-[3-(5-fluoro-1H-indol-3-yl)propyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

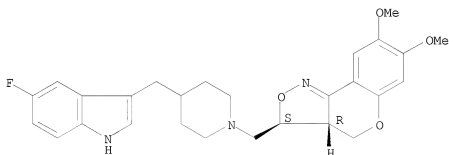
Relative stereochemistry.



RN 888728-09-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5-fluoro-1H-indol-3-yl)methyl]-1-piperidinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT 888728-14-1P

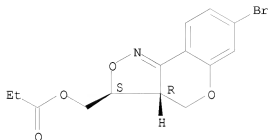
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of isoxazoline-indole derivs. with antipsychotic and anxiolytic activity)

RN 888728-14-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanol, 7-bromo-3a,4-dihydro-, 3-propanoate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:505909 CAPLUS

DOCUMENT NUMBER: 145:95782

TITLE: Synthesis of 7-amino-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazole derivatives displaying combined α 2-adrenoceptor antagonistic and 5-HT reuptake inhibiting activities

AUTHOR(S): Andres, J. Ignacio; Alcazar, Jesus; Alonso, Jose M.; De Lucas, Ana I.; Iturrino, Laura; Biesmans, Ilse; Megens, Anton A.

CORPORATE SOURCE: Medicinal Chemistry Department, Division of Janssen-Cilag, Johnson & Johnson Pharmaceutical Research and Development, Toledo, 45007, Spain

SOURCE: Bioorganic & Medicinal Chemistry (2006), 14(13), 4361-4372

CODEN: BMECEP; ISSN: 0968-0896

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 145:95782

IT 612074-52-9P 612074-56-3P 612074-57-4P

612074-68-7P 612074-81-4P 612074-88-1P

612074-89-2P 612074-90-5P 612074-92-7P

612074-93-8P 612074-94-9P 612074-95-0P

612074-98-3P 612074-99-4P 612075-02-2P

612075-03-3P 612075-07-7P 612075-09-9P

612075-10-2P 612075-11-3P 612075-12-4P

612075-13-5P 612075-15-7P 612075-88-4P

770707-27-2P 895169-63-8P 895169-64-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

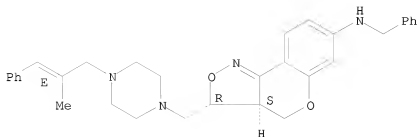
(benzopyranoisoxazole derivs. displaying combined α 2-adrenoceptor antagonistic and 5-HT reuptake inhibiting activities)

RN 612074-52-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-N-(phenylmethyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

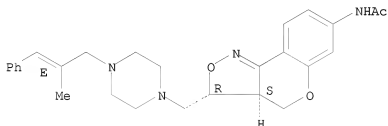
Double bond geometry as shown.



RN 612074-56-3 CAPLUS

CN Acetamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

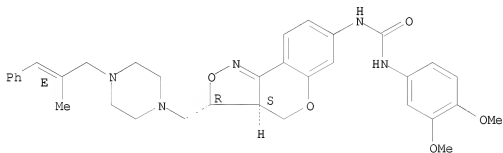
Relative stereochemistry.
Double bond geometry as shown.



RN 612074-57-4 CAPLUS

CN Urea, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-(3,4-dimethoxyphenyl)-, rel- (CA INDEX NAME)

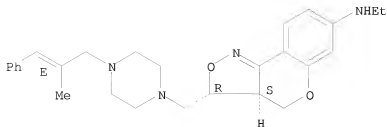
Relative stereochemistry.
Double bond geometry as shown.



RN 612074-68-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, N-ethyl-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

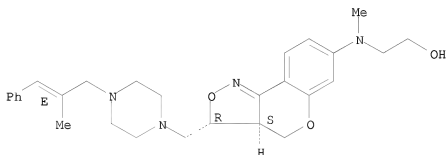


RN 612074-81-4 CAPLUS

CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]methylamino]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

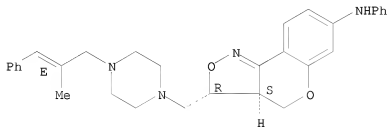


RN 612074-88-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-N-phenyl-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

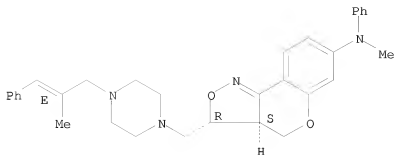


RN 612074-89-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-N-methyl-3-[[4-
[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-N-phenyl-,
(3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

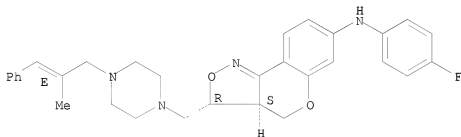


RN 612074-90-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, N-(4-fluorophenyl)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

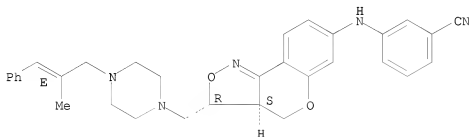


RN 612074-92-7 CAPLUS

CN Benzonitrile, 3-[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

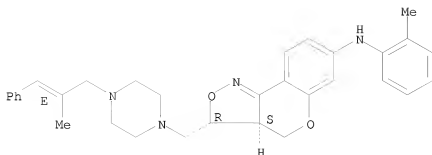


RN 612074-93-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-N-(2-methylphenyl)-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

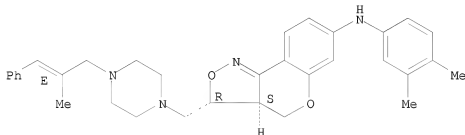


RN 612074-94-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, N-(3,4-dimethylphenyl)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

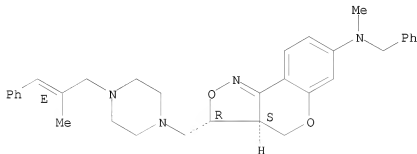


RN 612074-95-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-N-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-N-(phenylmethyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

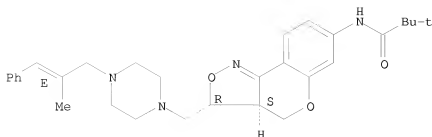


RN 612074-98-3 CAPLUS

CN Propanamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-2,2-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

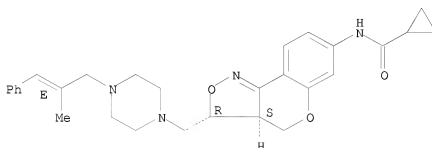


RN 612074-99-4 CAPLUS

CN Cyclopropanecarboxamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

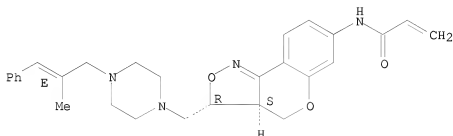


RN 612075-02-2 CAPLUS

CN 2-Propenamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

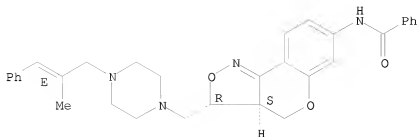


RN 612075-03-3 CAPLUS

CN Benzamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

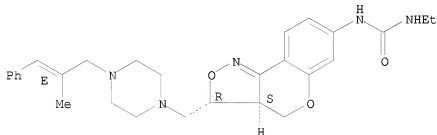
Double bond geometry as shown.



RN 612075-07-7 CAPLUS

CN Urea, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-ethyl-, rel- (CA INDEX NAME)

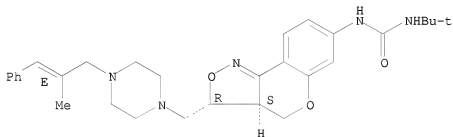
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-09-9 CAPLUS

CN Urea, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-(1,1-dimethylethyl)-, rel- (CA INDEX NAME)

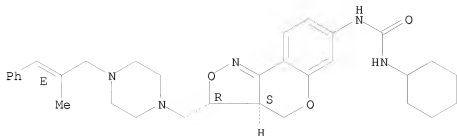
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-10-2 CAPLUS

CN Urea, N-cyclohexyl-N'-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

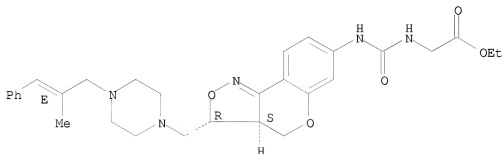
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-11-3 CAPLUS

CN Glycine, N-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]amino]carbonyl]-, ethyl ester, rel- (CA INDEX NAME)

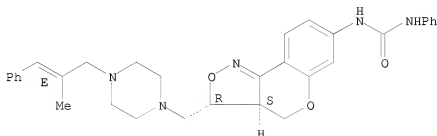
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-12-4 CAPLUS

CN Urea, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-phenyl-, rel- (CA INDEX NAME)

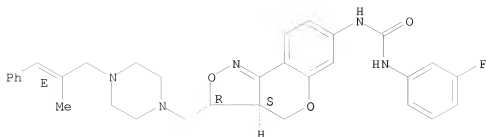
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-13-5 CAPLUS

CN Urea, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-(3-fluorophenyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

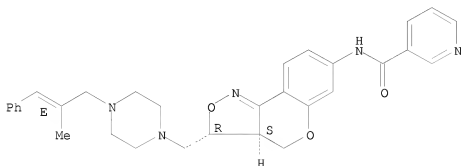


RN 612075-15-7 CAPLUS

CN 3-Pyridinecarboxamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

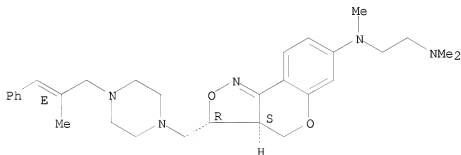


RN 612075-88-4 CAPLUS

CN 1,2-Ethanediamine, N1-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N2,N2-trimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

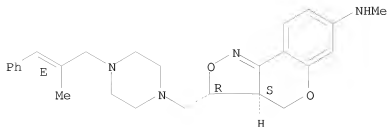


RN 770707-27-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-N-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

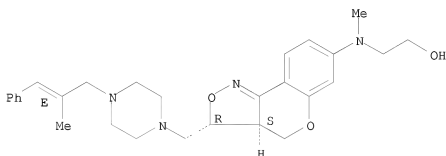


RN 895169-63-8 CAPLUS

CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]methylamino]- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

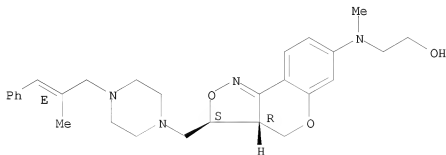


RN 895169-64-9 CAPLUS

CN Ethanol, 2-[[[(3S,3aR)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]methylamino]- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



IT 452318-26-2 452319-41-4

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)

(benzopyranoisoxazole derivs. displaying combined α_2 -adrenoceptor

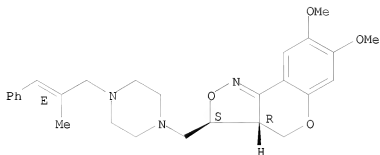
antagonistic and 5-HT reuptake inhibiting activities)

RN 452318-26-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-

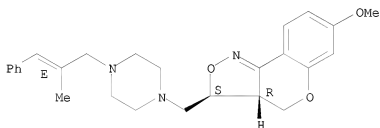
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



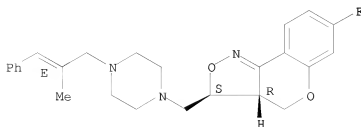
RN 452319-41-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



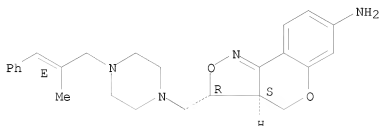
IT 452319-29-8P 612074-55-2P 612075-92-0P
895169-59-2P 895169-62-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(benzopyranoisoxazole derivs. displaying combined α_2 -adrenoceptor antagonistic and 5-HT reuptake inhibiting activities)
RN 452319-29-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-fluoro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



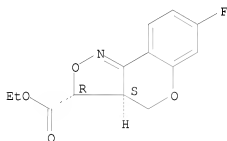
RN 612074-55-2 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



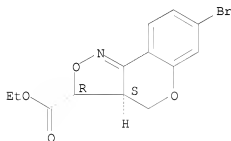
RN 612075-92-0 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 7-fluoro-3a,4-dihydro-, ethyl ester, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



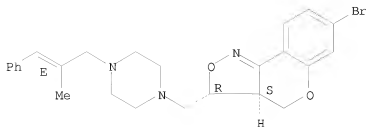
RN 895169-59-2 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 7-bromo-3a,4-dihydro-, ethyl ester, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 895169-62-7 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-bromo-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:920735 CAPLUS

DOCUMENT NUMBER: 142:219240

TITLE: Discovery of a New Series of Centrally Active Tricyclic Isoxazoles Combining Serotonin (5-HT) Reuptake Inhibition with α 2-Adrenoceptor Blocking Activity

AUTHOR(S): Andres, J. Ignacio; Alcazar, Jesus; Alonso, Jose M.; Alvarez, Rosa M.; Bakker, Margot H.; Biesmans, Ilse; Cid, Jose M.; De Lucas, Ana I.; Fernandez, Javier; Font, Luis M.; Hens, Koen A.; Iturrino, Laura; Lenaerts, Ilse; Martinez, Sonia; Megens, Anton A.; Pastor, Joaquin; Vermote, Patrick C. M.; Steckler, Thomas

CORPORATE SOURCE: Johnson Johnson Pharmaceutical Research Development Division of Janssen-Cilag Medicinal Chemistry dept., Jarama s/n, Toledo, 45007, Spain

SOURCE: Journal of Medicinal Chemistry (2005), 48(6), 2054-2071

CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 142:219240

IT 452313-54-1P 452318-20-6P 452318-95-5P

608146-13-0P

RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

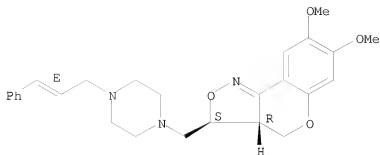
(preparation of centrally active tricyclic isoxazoles combining 5-HT reuptake inhibition with α 2-adrenoceptor blocking activity)

RN 452313-54-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.

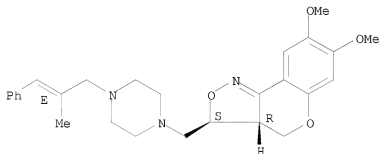
Double bond geometry as shown.



RN 452318-20-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

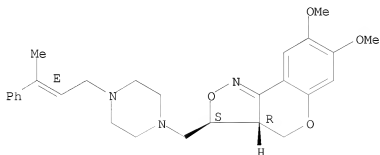
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452318-95-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

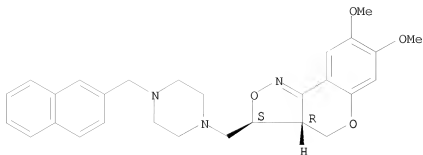
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 608146-13-0 CAPLUS

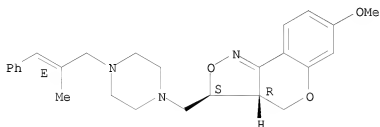
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.



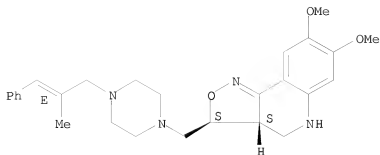
IT 452319-41-4
 RL: PAC (Pharmacological activity); RCT (Reactant); BIOL (Biological study); RACT (Reactant or reagent)
 (preparation of centrally active tricyclic isoxazoles combining 5-HT reuptake inhibition with α 2-adrenoceptor blocking activity)
 RN 452319-41-4 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



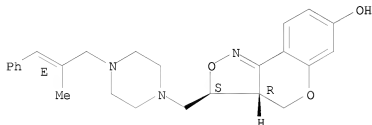
IT 452313-65-4P 452319-33-4P 452320-36-4P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of centrally active tricyclic isoxazoles combining 5-HT reuptake inhibition with α 2-adrenoceptor blocking activity)
 RN 452313-65-4 CAPLUS
 CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



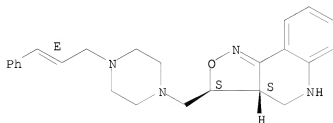
RN 452319-33-4 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 452320-36-4 CAPLUS
 CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



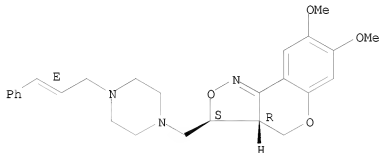
IT 452313-36-9P 452313-59-6P 452313-77-8P
 452318-26-2P 452318-93-3P 452319-43-6P
 452319-55-0P 452319-57-2P 452319-59-4P
 452319-61-8P 452319-63-0P 452319-65-2P
 452319-67-4P 452319-69-6P 452319-71-0P
 452320-40-0P 452320-52-4P 452320-54-6P
 452320-60-4P 452320-62-6P 452320-64-8P
 452320-66-0P 452320-70-6P 452321-33-4P
 452321-35-6P 452321-37-8P 452321-39-0P
 452321-41-4P 789484-08-8P 815632-62-3P
 815632-63-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation)
(preparation of centrally active tricyclic isoxazoles combining 5-HT
reuptake inhibition with α 2-adrenoceptor blocking activity)

RN 452313-36-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-
3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX
NAME)

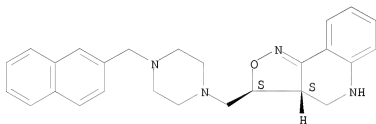
Relative stereochemistry.
Double bond geometry as shown.



RN 452313-59-6 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-(2-
naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

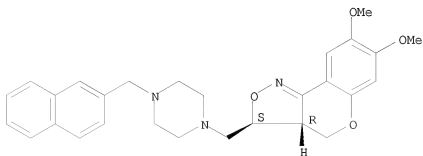
Relative stereochemistry.



RN 452313-77-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-
naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

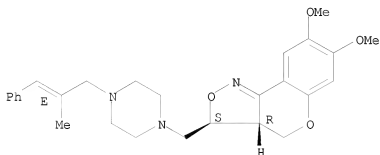
Relative stereochemistry.



RN 452318-26-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

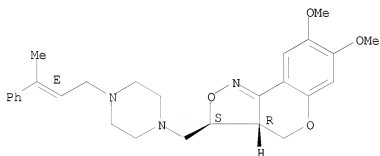
Relative stereochemistry.
Double bond geometry as shown.



RN 452318-93-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

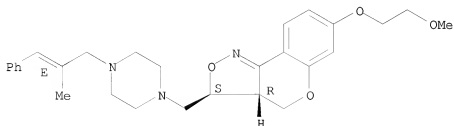
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-43-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-(2-methoxyethoxy)-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

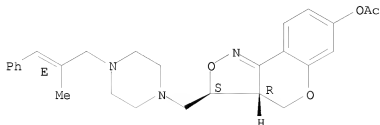


RN 452319-55-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-

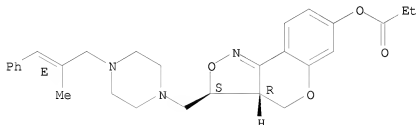
phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-, 7-acetate, (3R,3aS)-rel-
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



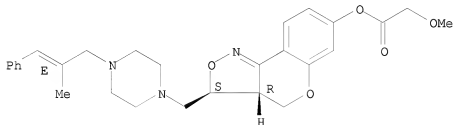
RN 452319-57-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-, 7-propanoate, (3R,3aS)-rel-
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



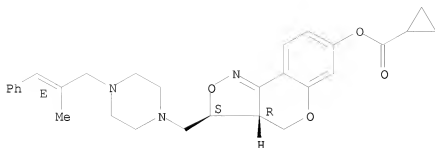
RN 452319-59-4 CAPLUS
CN Acetic acid, 2-methoxy-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-61-8 CAPLUS
CN Cyclopropanecarboxylic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

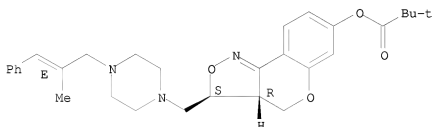
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-63-0 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

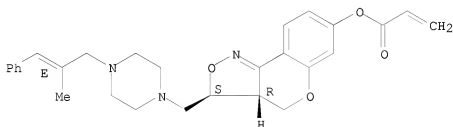
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-65-2 CAPLUS

CN 2-Propenoic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

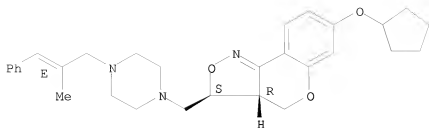
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-67-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopentyl-oxo)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

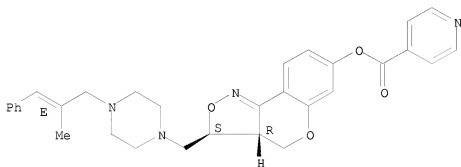


RN 452319-69-6 CAPLUS

CN 4-Pyridinecarboxylic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

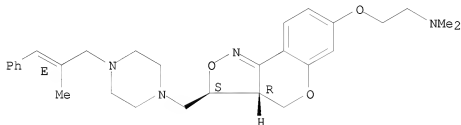


RN 452319-71-0 CAPLUS

CN Ethanamine, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]oxy]-N,N-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

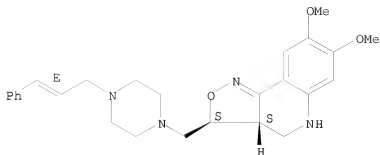


RN 452320-40-0 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3AR)-rel- (CA INDEX NAME)

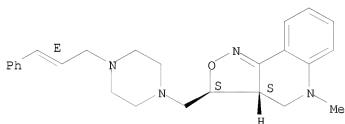
Relative stereochemistry.

Double bond geometry as shown.



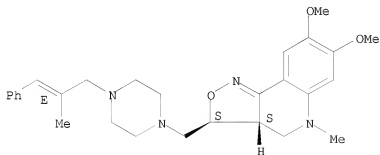
RN 452320-52-4 CAPLUS
 CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-5-methyl-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



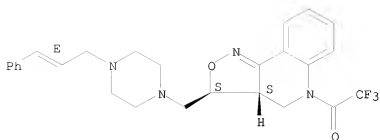
RN 452320-54-6 CAPLUS
 CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-5-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 452320-60-4 CAPLUS
 CN Ethanone, 1-[(3R,3aR)-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]isoxazolo[4,3-c]quinolin-5(3H)-yl]-2,2,2-trifluoro-, rel- (CA INDEX NAME)

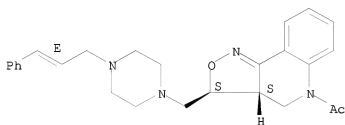
Relative stereochemistry.
 Double bond geometry as shown.



RN 452320-62-6 CAPLUS

CN Ethanone, 1-[(3R,3aR)-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]isoxazolo[4,3-c]quinolin-5(3H)-yl]-, rel- (CA INDEX NAME)

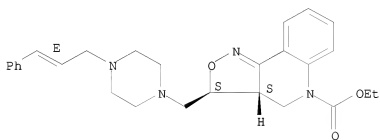
Relative stereochemistry.
Double bond geometry as shown.



RN 452320-64-8 CAPLUS

CN Isoxazolo[4,3-c]quinoline-5(3H)-carboxylic acid, 3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, ethyl ester, (3R,3aR)-rel- (CA INDEX NAME)

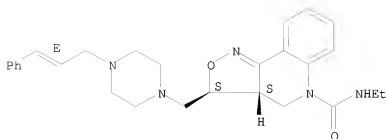
Relative stereochemistry.
Double bond geometry as shown.



RN 452320-66-0 CAPLUS

CN Isoxazolo[4,3-c]quinoline-5(3H)-carboxamide, N-ethyl-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

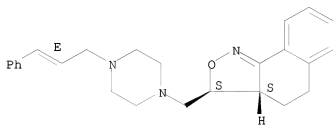


RN 452320-70-6 CAPLUS

CN Naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.

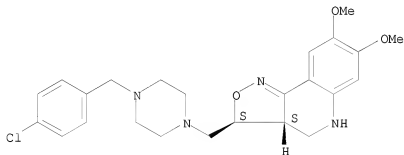
Double bond geometry as shown.



RN 452321-33-4 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(4-chlorophenyl)methyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (CA INDEX NAME)

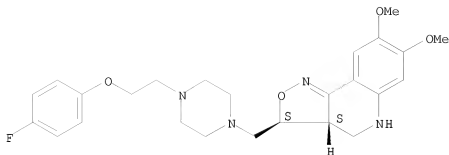
Relative stereochemistry.



RN 452321-35-6 CAPLUS

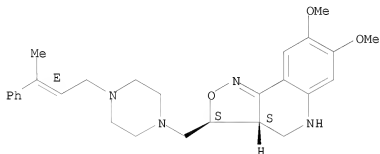
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[2-(4-fluorophenoxy)ethyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.



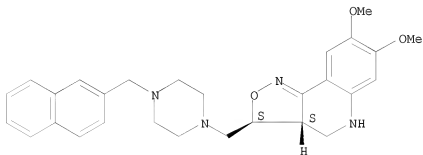
RN 452321-37-8 CAPLUS
 CN Isioxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



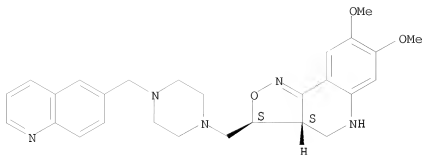
RN 452321-39-0 CAPLUS
 CN Isioxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452321-41-4 CAPLUS
 CN Isioxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-(6-quinolinylmethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

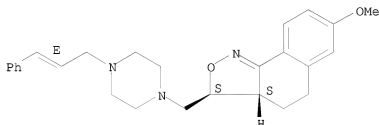
Relative stereochemistry.



RN 789484-08-8 CAPLUS

CN Naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

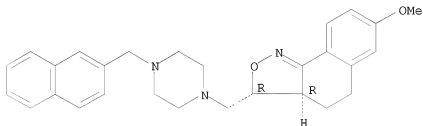
Relative stereochemistry.
Double bond geometry as shown.



RN 815632-62-3 CAPLUS

CN Naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

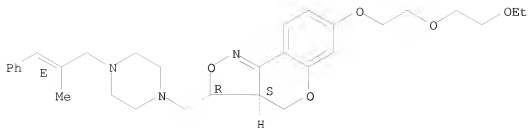
Relative stereochemistry.



RN 815632-63-4 CAPLUS

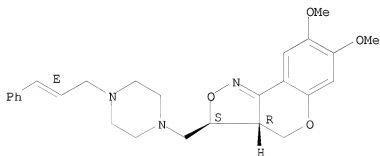
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-[2-(2-ethoxyethoxy)ethoxy]-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



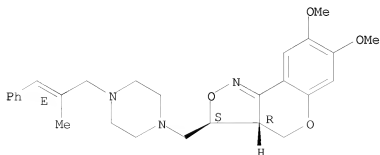
IT 452313-56-3P 452318-24-0P 452318-97-7P
 608146-12-9P
 RL: PUR (Purification or recovery); SPN (Synthetic preparation); PREP
 (Preparation)
 (preparation of centrally active tricyclic isoxazoles combining 5-HT
 reuptake inhibition with α 2-adrenoceptor blocking activity)
 RN 452313-56-3 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-
 3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3S,3aR)-rel-(-)- (CA
 INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
 Double bond geometry as shown.



RN 452318-24-0 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-
 2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3S,3aR)-rel-(-)-
 (CA INDEX NAME)

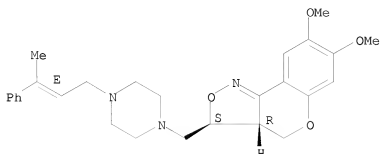
Rotation (-). Absolute stereochemistry unknown.
 Double bond geometry as shown.



RN 452318-97-7 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-

3-phenyl-2-buten-1-yl]-1-piperazinyl)methyl]-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

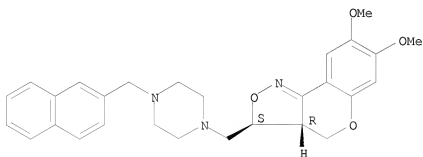
Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 608146-12-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl)methyl]-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.



IT 452321-82-3P 452322-05-3P 452322-19-9P
452322-21-3P 608146-04-9P 815632-58-7P
815632-59-8P

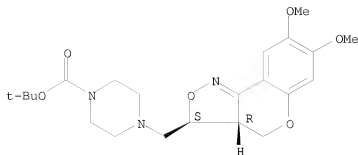
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of centrally active tricyclic isoxazoles combining 5-HT reuptake inhibition with α 2-adrenoceptor blocking activity)

RN 452321-82-3 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-, 1,1-dimethylethyl ester, rel- (CA INDEX NAME)

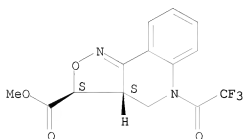
Relative stereochemistry.



RN 452322-05-3 CAPLUS

CN Isoxazolo[4,3-c]quinoline-3-carboxylic acid, 3,3a,4,5-tetrahydro-5-(2,2,2-trifluoroacetyl)-, methyl ester, (3R,3aR)-rel- (CA INDEX NAME)

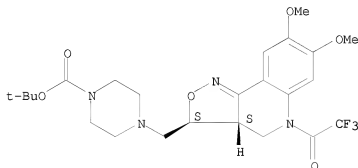
Relative stereochemistry.



RN 452322-19-9 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aR)-3,3a,4,5-tetrahydro-7,8-dimethoxy-5-(2,2,2-trifluoroacetyl)isoxazolo[4,3-c]quinolin-3-yl)methyl]-, 1,1-dimethylethyl ester, rel- (CA INDEX NAME)

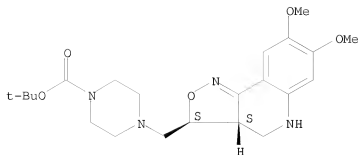
Relative stereochemistry.



RN 452322-21-3 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aR)-3,3a,4,5-tetrahydro-7,8-dimethoxyisoxazolo[4,3-c]quinolin-3-yl)methyl]-, 1,1-dimethylethyl ester, rel- (CA INDEX NAME)

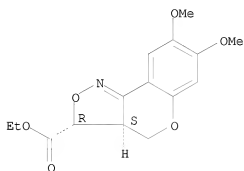
Relative stereochemistry.



RN 608146-04-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-7,8-dimethoxy-, ethyl ester, (3R,3aS)-rel- (CA INDEX NAME)

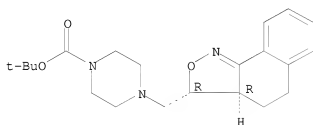
Relative stereochemistry.



RN 815632-58-7 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aR)-3,3a,4,5-tetrahydronaphth[1,2-c]isoxazol-3-yl]methyl]-, 1,1-dimethylethyl ester, rel- (CA INDEX NAME)

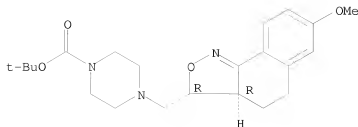
Relative stereochemistry.



RN 815632-59-8 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aR)-3,3a,4,5-tetrahydro-7-methoxynaphth[1,2-c]isoxazol-3-yl]methyl]-, 1,1-dimethylethyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:760314 CAPLUS

DOCUMENT NUMBER: 141:384410

TITLE: A screening strategy for the development of enantiomeric separation methods in capillary electrophoresis

AUTHOR(S): Jimidar, M. Ilias; van Ael, Willy; van Nyen, Patrick; Peeters, Margot; Redlich, Dirk; de Smet, Maurits
CORPORATE SOURCE: Pharmaceutical Research & Development (J&J-PRD) A division of Janssen Pharmaceutica n.v., Global Analytical Development, Johnson and Johnson, Beerse, Belg.

SOURCE: Electrophoresis (2004), 25(16), 2772-2785

CODEN: ELCTDN; ISSN: 0173-0835

PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 452318-73-9

RL: ANT (Analyte); ANST (Analytical study)

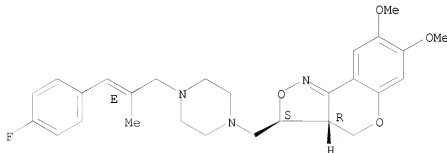
(screening strategy for development of enantiomeric separation methods in capillary electrophoresis)

RN 452318-73-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:362586 CAPLUS

DOCUMENT NUMBER: 141:123602
 TITLE: Synthesis of 3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazoles, displaying combined 5-HT uptake inhibiting and α 2-adrenoceptor antagonistic activities. Part 2: Further exploration on the cinnamyl moiety

AUTHOR(S): Pastor, Joaquin; Alcazar, Jesus; Alvarez, Rosa M.; Andres, J. Ignacio; Cid, Jose M.; De Lucas, Ana I.; Diaz, Adolfo; Fernandez, Javier; Font, Luis M.; Iturrino, Laura; Lafuente, Celia; Martinez, Sonia; Bakker, Margot H.; Biesmans, Ilse; Heylen, Lieve I.; Megens, Anton A.

CORPORATE SOURCE: Division of Janssen-Cilag, Medicinal Chemistry Department, Johnson & Johnson Pharmaceutical Research & Development, Toledo, 45007, Spain

SOURCE: Bioorganic & Medicinal Chemistry Letters (2004), 14(11), 2917-2922
 CODEN: BMCLE8; ISSN: 0960-894X
 Elsevier Science B.V.

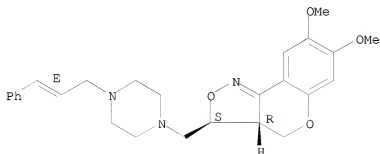
PUBLISHER: Journal
 DOCUMENT TYPE: English
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:123602

IT 452313-36-9P 452313-85-8P 452316-95-9P
 452316-97-1P 452318-26-2P 452318-71-7P
 452318-73-9P 452318-77-3P 452318-83-1P
 452318-87-5P 452318-93-3P 452319-01-6P
 452319-03-8P 452319-07-2P 452319-09-4P
 452320-98-8P 452321-14-1P 452321-21-0P
 452321-29-8P 452321-31-2P 722545-47-3P
 722545-48-4P 722545-55-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation of 3-(4-cinnamyl-1-piperazinylmethyl)-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazoles as combined 5-HT uptake inhibitors and α 2-adrenoceptor antagonists)

RN 452313-36-9 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

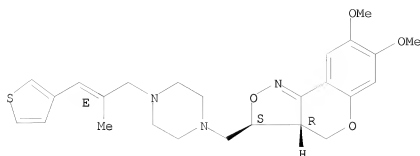
Relative stereochemistry.
 Double bond geometry as shown.



RN 452313-85-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(3-thienyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

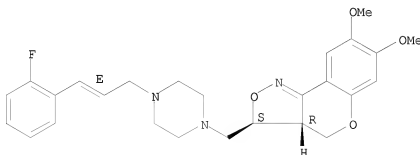


RN 452316-95-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

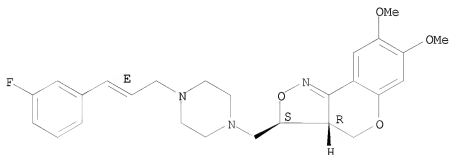


RN 452316-97-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

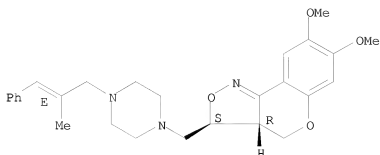
Double bond geometry as shown.



RN 452318-26-2 CAPLUS

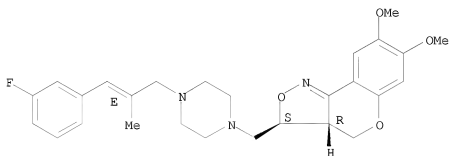
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



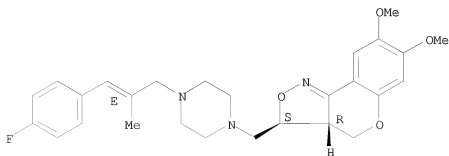
RN 452318-71-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



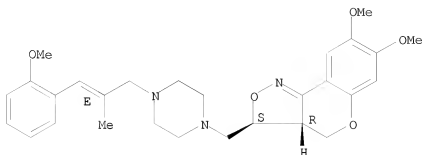
RN 452318-73-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



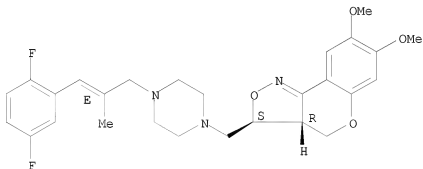
RN 452318-77-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methoxyphenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



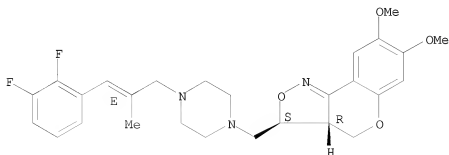
RN 452318-83-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,5-difluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-87-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,3-difluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

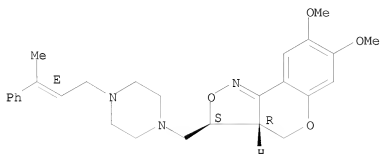
Relative stereochemistry.
Double bond geometry as shown.



RN 452318-93-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-

3-phenyl-2-buten-1-yl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

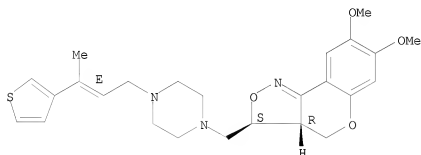
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-01-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-thienyl)-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

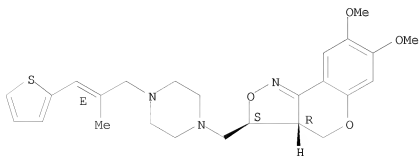
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-03-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(2-thienyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

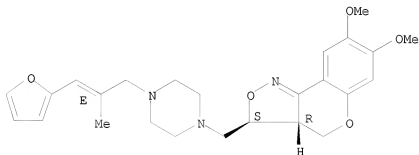
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-07-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-furanyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

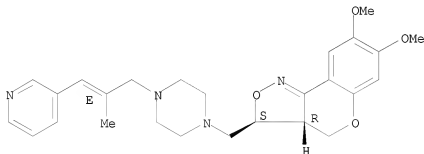
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-09-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(3-pyridinyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

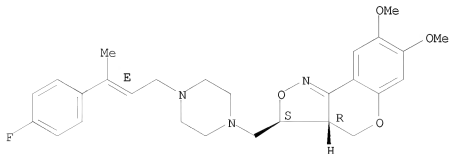
Relative stereochemistry.
Double bond geometry as shown.



RN 452320-98-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

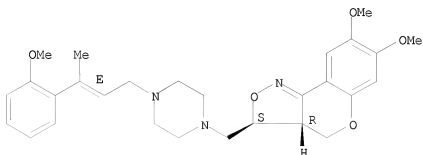


RN 452321-14-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methoxyphenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

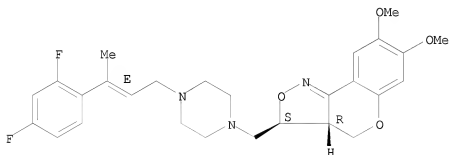


RN 452321-21-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,4-difluorophenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

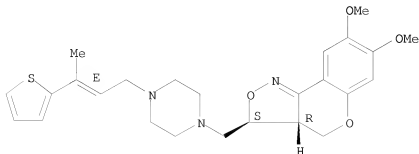


RN 452321-29-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-thienyl)-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

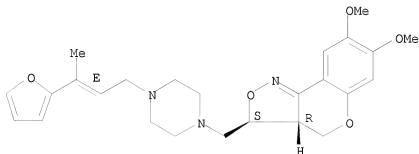


RN 452321-31-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-furanyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

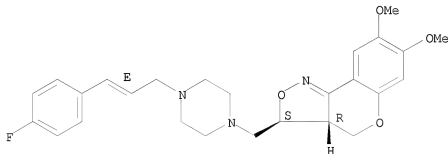


RN 722545-47-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

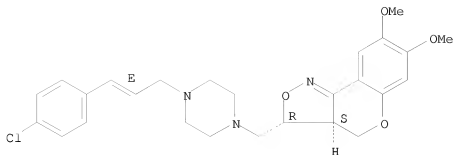


RN 722545-48-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-chlorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

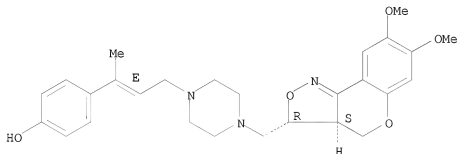
Double bond geometry as shown.



RN 722545-55-3 CAPLUS

CN Phenol, 4-[(1E)-3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-methyl-1-propen-1-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



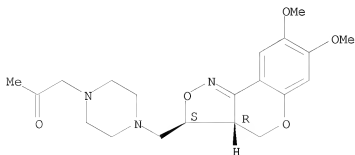
IT 452321-85-6P 452321-97-0P 452321-99-2P
722545-56-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 3-(4-cinnamyl-1-piperazinylmethyl)-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazoles as combined 5-HT uptake inhibitors and α 2-adrenoceptor antagonists)

RN 452321-85-6 CAPLUS

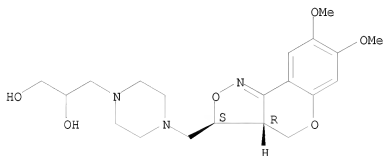
CN 2-Propanone, 1-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



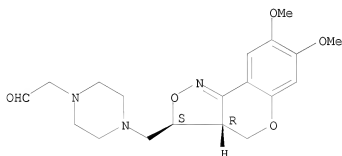
RN 452321-97-0 CAPLUS
 CN 1,2-Propanediol, 3-[4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



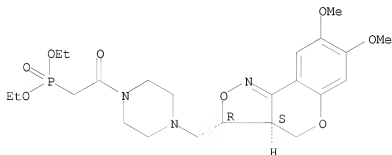
RN 452321-99-2 CAPLUS
 CN 1-Piperazineacetaldehyde, 4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 722545-56-4 CAPLUS
 CN Phosphonic acid, [2-[4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-2-oxoethyl]-, diethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 722545-57-5P 722545-58-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of 3-(4-cinnamyl-1-piperazinylmethyl)-3a,4-dihydro-3H-

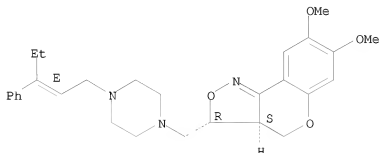
[1]benzopyrano[4,3-c]isoxazoles as combined 5-HT uptake inhibitors and α 2-adrenoceptor antagonists)

RN 722545-57-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-penten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

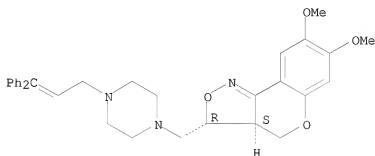
Double bond geometry as shown.



RN 722545-58-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(3,3-diphenyl-2-propen-1-yl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:182890 CAPLUS

DOCUMENT NUMBER: 140:217631

TITLE: Preparation of fused heterocyclic isoxazoline derivatives as anti-depressants

INVENTOR(S): Andres-Gil, Jose Ignacio; Alcazar-Vaca, Manuel Jesus; Bartolome-Nebreda, Jose Manuel; Fernandez-Gadea, Francisco Javier; Bakker, Margaretha Henrica Maria; Megens, Antonius Adrianus Hendrikus Petrus Janssen Pharmaceutica N.V., Belg.
PCT Int. Appl., 54 pp.
CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004018483	A1	20040304	WO 2003-EP50377	20030813
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG			
CA 2494557	A1	20040304	CA 2003-2494557	20030813
AU 2003262573	A1	20040311	AU 2003-262573	20030813
EP 1554286	A1	20050720	EP 2003-792431	20030813
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
CN 1675224	A	20050928	CN 2003-819462	20030813
JP 2005538144	T	20051215	JP 2004-530272	20030813
US 20060116378	A1	20060601	US 2005-524123	20050210
PRIORITY APPLN. INFO.:			EP 2002-78373	A 20020815
			WO 2003-EP50377	W 20030813

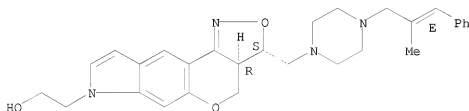
OTHER SOURCE(S): MARPAT 140:217631

IT 666233-82-5P
 RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
 (preparation of fused heterocyclic isoxazoline derivs. as antidepressants)

RN 666233-82-5 CAPLUS

CN 3H,7H-Isloxazolo[3',4':4,5]pyrano[3,2-f]indole-7-ethanol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

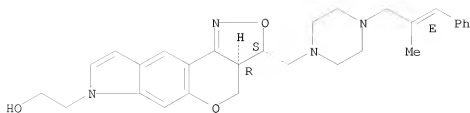


IT 666233-90-5P 666233-91-6P
 RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of fused heterocyclic isoxazoline derivs. as antidepressants)

RN 666233-90-5 CAPLUS

CN 3H,7H-Isloxazolo[3',4':4,5]pyrano[3,2-f]indole-7-ethanol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3S,3aR)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

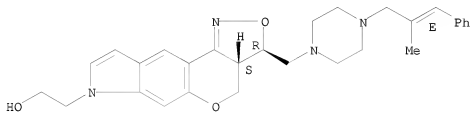


RN 666233-91-6 CAPLUS

CN 3H,7H-Isioxazolo[3',4':4,5]pyrano[3,2-f]indole-7-ethanol,
3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-
piperazinyl]methyl]-, (3R,3aS)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



IT 666233-75-6P 666233-84-7P

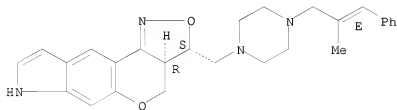
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of fused heterocyclic isoxazoline derivs. as antidepressants)

RN 666233-75-6 CAPLUS

CN 3H,4H-Isioxazolo[3',4':4,5]pyrano[3,2-f]indole, 3a,7-dihydro-3-[[4-[(2E)-2-
methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA
INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

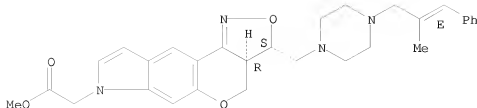


RN 666233-84-7 CAPLUS

CN 3H,7H-Isioxazolo[3',4':4,5]pyrano[3,2-f]indole-7-acetic acid,
3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-
piperazinyl]methyl]-, methyl ester, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



IT 666233-76-7P 666233-77-8P 666233-78-9P
666233-79-0P 666233-80-3P 666233-81-4P
666233-83-6P 666233-85-8P 666233-86-9P
666233-87-0P 666233-88-1P 666233-89-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

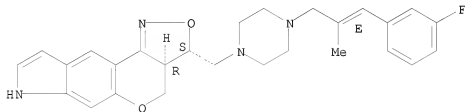
(preparation of fused heterocyclic isoxazoline derivs. as antidepressants)

RN 666233-76-7 CAPLUS

CN 3H,4H-Isoxazolo[3',4':4,5]pyrano[3,2-f]indole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,7-dihydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

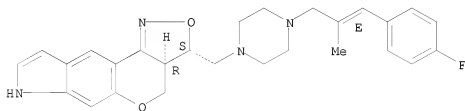


RN 666233-77-8 CAPLUS

CN 3H,4H-Isoxazolo[3',4':4,5]pyrano[3,2-f]indole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,7-dihydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

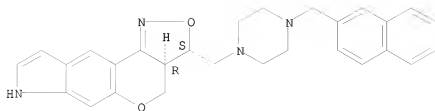
Double bond geometry as shown.



RN 666233-78-9 CAPLUS

CN 3H,4H-Isoxazolo[3',4':4,5]pyrano[3,2-f]indole, 3a,7-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

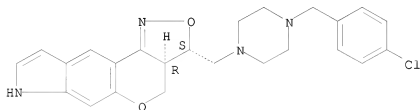
Relative stereochemistry.



RN 666233-79-0 CAPLUS

CN 3H,4H-Isloxazolo[3',4':4,5]pyrano[3,2-f]indole, 3-[[4-[(4-chlorophenyl)methyl]-1-piperazinyl]methyl]-3a,7-dihydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

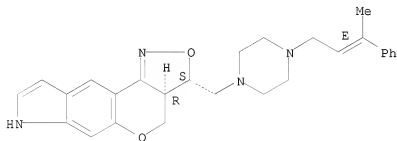


RN 666233-80-3 CAPLUS

CN 3H,4H-Isloxazolo[3',4':4,5]pyrano[3,2-f]indole, 3a,7-dihydro-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

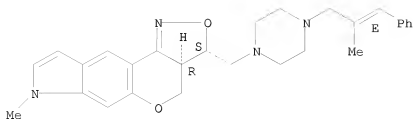


RN 666233-81-4 CAPLUS

CN 3H,4H-Isloxazolo[3',4':4,5]pyrano[3,2-f]indole, 3a,7-dihydro-7-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

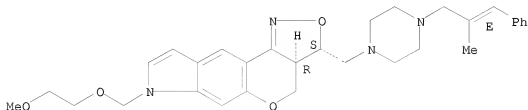


RN 666233-83-6 CAPLUS

CN 3H,4H-Isoxazolo[3',4':4,5]pyrano[3,2-f]indole, 3a,7-dihydro-7-[(2-methoxyethoxy)methyl]-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

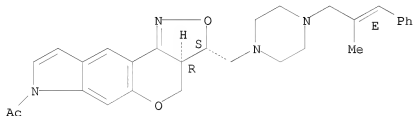


RN 666233-85-8 CAPLUS

CN Ethanone, 1-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H,7H-isoxazolo[3',4':4,5]pyrano[3,2-f]indol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

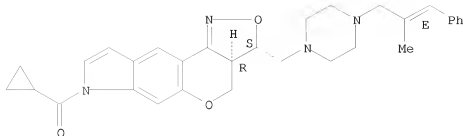


RN 666233-86-9 CAPLUS

CN Methanone, cyclopropyl[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H,7H-isoxazolo[3',4':4,5]pyrano[3,2-f]indol-7-yl]-, rel- (CA INDEX NAME)

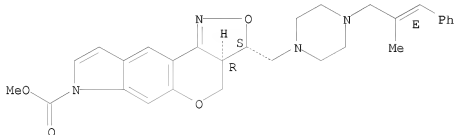
Relative stereochemistry.

Double bond geometry as shown.



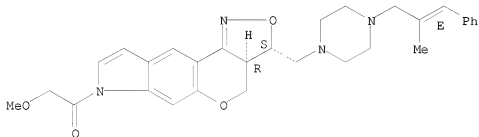
RN 666233-87-0 CAPLUS
 CN 3H,7H-Isioxazolo[3',4':4,5]pyrano[3,2-f]indole-7-carboxylic acid,
 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-
 piperazinyl]methyl]-, methyl ester, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



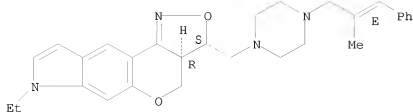
RN 666233-88-1 CAPLUS
 CN Ethanone, 1-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-
 1-yl]-1-piperazinyl]methyl]-3H,7H-isioxazolo[3',4':4,5]pyrano[3,2-f]indol-7-
 yl]-2-methoxy-, rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

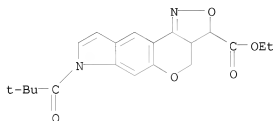


RN 666233-89-2 CAPLUS
 CN 3H,4H-Isioxazolo[3',4':4,5]pyrano[3,2-f]indole, 7-ethyl-3a,7-dihydro-3-[[4-
 [(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-,
 (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



IT 666234-10-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of fused heterocyclic isoxazoline derivs. as antidepressants)
 RN 666234-10-2 CAPLUS
 CN 3H,4H-Isloxazolo[3',4':4,5]pyrano[3,2-f]indole-3-carboxylic acid,
 7-(2,2-dimethyl-1-oxopropyl)-3a,7-dihydro-, ethyl ester (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:182889 CAPLUS
 DOCUMENT NUMBER: 140:235700
 TITLE: Preparation of chromenoisoxazole derivatives and their
 use as anti-depressants
 INVENTOR(S): Andres-Gil, Jose Ignacio; Alcazar-Vaca, Manuel Jesus;
 Matesanz-Ballesteros, Maria Encarnacion; Bakker,
 Margaretha Henrica Maria; Megens, Antonius Adrianus
 Hendrikus Petrus
 PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.
 SOURCE: PCT Int. Appl., 45 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004018482	A2	20040304	WO 2003-EP9532	20030819
WO 2004018482	A3	20040401		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
 PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
 TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,

	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,	
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
CA 2495058	A1 20040304	CA 2003-2495058
AU 2003271567	A1 20040311	AU 2003-271567
EP 1532155	A2 20050525	EP 2003-753363
EP 1532155	B1 20080227	
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	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK	
CN 1675223	A 20050928	CN 2003-819862
JP 2005538143	T 20051215	JP 2004-530256
AT 387455	T 20080315	AT 2003-753363
ES 2301816	T3 20080701	ES 2003-753363
US 20060122167	A1 20060608	US 2005-524989
PRIORITY APPLN. INFO.:		EP 2002-78844 A 20020821
		WO 2003-EP9532 W 20030819

OTHER SOURCE(S): MARPAT 140:235700

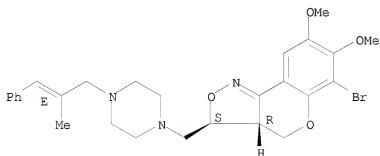
IT 667454-35-5P 667454-39-9P 667454-52-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(drug candidate; preparation of chromenoisoxazole derivs. as antidepressants)

RN 667454-35-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 6-bromo-3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

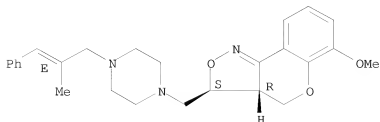
Relative stereochemistry.
Double bond geometry as shown.



RN 667454-39-9 CAPLUS

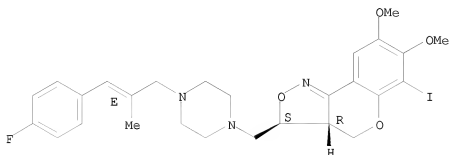
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-6-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 667454-52-6 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-6-iodo-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

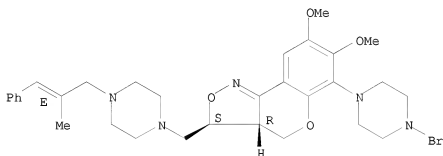


IT 667454-36-6P 667454-37-7P 667454-38-8P
 667454-40-2P 667454-41-3P 667454-42-4P
 667454-43-5P 667454-44-6P 667454-45-7P
 667454-46-8P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(drug candidate; preparation of chromenoisoxazole derivs. as
 antidepressants)

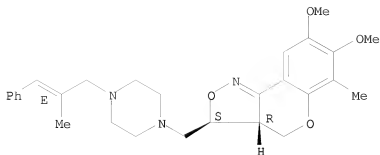
RN 667454-36-6 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 6-(4-bromo-1-piperazinyl)-3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



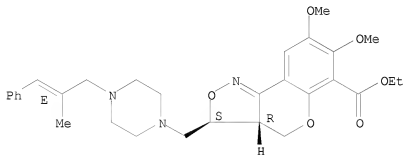
RN 667454-37-7 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-6-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



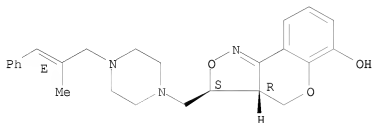
RN 667454-38-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole-6-carboxylic acid, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, ethyl ester, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



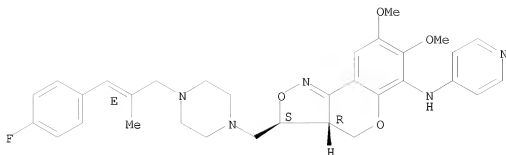
RN 667454-40-2 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-6-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 667454-41-3 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-6-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-N-4-pyridinyl-, (3R,3aS)-rel- (CA INDEX NAME)

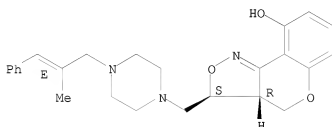
Relative stereochemistry.
 Double bond geometry as shown.



RN 667454-42-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-9-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

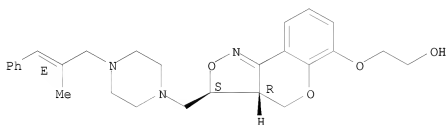
Relative stereochemistry.
Double bond geometry as shown.



RN 667454-43-5 CAPLUS

CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-6-yl]oxy]ethyl ester, rel- (CA INDEX NAME)

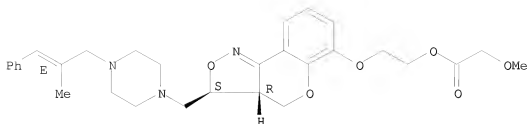
Relative stereochemistry.
Double bond geometry as shown.



RN 667454-44-6 CAPLUS

CN Acetic acid, 2-methoxy-, 2-[[[(3S,3aR)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-6-yl]oxy]ethyl ester, rel-(-)- (CA INDEX NAME)

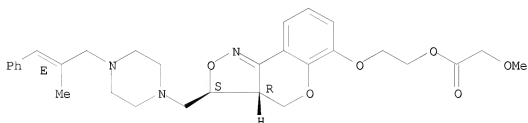
Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 667454-45-7 CAPLUS

CN Acetic acid, 2-methoxy-, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-6-yl]oxy]ethyl ester, rel-(+)- (CA INDEX NAME)

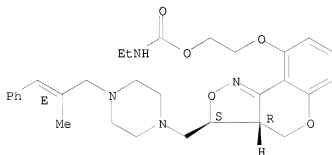
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 667454-46-8 CAPLUS

CN Carbamic acid, ethyl-, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-9-yl]oxy]ethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



IT 452321-67-4P 667454-49-1P

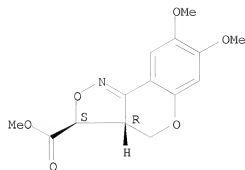
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of chromenoisoxazole derivs. as antidepressants)

RN 452321-67-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-7,8-dimethoxy-, methyl ester, (3R,3aS)-rel- (CA INDEX NAME)

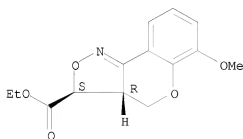
Relative stereochemistry.



RN 667454-49-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-6-methoxy-, ethyl ester, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



L3 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:162696 CAPLUS

DOCUMENT NUMBER: 140:217662

TITLE: Preparation of piperazinylalkylchromenoisoxazolines as antidepressants.

INVENTOR(S): Andres-gil, Jose Ignacio; Bartolome-nebreda, Jose Manuel; Alvarez-escobar, Rosa Maria; Bakker, Margaretha Henrica Maria; Megens, Antonius Adrianus Hendrikus Petrus

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004016621	A1	20040226	WO 2003-EP50374	20030812
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,			

	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
CA	2494235	A1	20040226
AU	2003262571	A1	20040303
EP	1537124	A1	20050608
EP	1537124	B1	20070801
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK		
CN	1675222	A	20050928
JP	2005537304	T	20051208
AT	368669	T	20070815
ES	2290537	T3	20080216
US	20050256119	A1	20051117
PRIORITY APPLN. INFO.:			
			EP 2002-78322 A 20020812
			WO 2003-EP50374 W 20030812

OTHER SOURCE(S): MARPAT 140:217662

IT 452320-31-9P 663933-45-7P, 8-Methyl-3-[4-(3-phenylallyl)piperazin-1-ylmethyl]-3a,4-dihydro-3H-chromeno[4,3-c]isoxazole 663933-46-8P, 8-Methoxy-7-methyl-3-[4-(2-methyl-3-phenylallyl)piperazin-1-ylmethyl]-3a,4-dihydro-3H-chromeno[4,3-c]isoxazole 663933-47-9P, [8-Methoxy-3-[4-(2-methyl-3-phenylallyl)piperazin-1-ylmethyl]-3a,4-dihydro-3H-chromeno[4,3-c]isoxazol-7-yl]methanol 663933-48-0P, 7-Methoxymethyl-3-[4-(2-methyl-3-phenylallyl)piperazin-1-ylmethyl]-3a,4-dihydro-3H-chromeno[4,3-c]isoxazole 663933-49-1P 663933-50-4P 663933-51-5P, 8-Methoxy-3-[4-(2-methyl-3-phenylallyl)piperazin-1-ylmethyl]-7-phenoxymethyl-3a,4-dihydro-3H-chromeno[4,3-c]isoxazole 663933-52-6P 663933-53-7P, 8-Methoxy-3-[4-(2-methyl-3-phenylallyl)piperazin-1-ylmethyl]-7-morpholin-4-ylmethyl-3a,4-dihydro-3H-chromeno[4,3-c]isoxazole 663933-54-8P 663933-55-9P 663933-56-0P, 3-[4-(2-Methyl-3-phenylallyl)piperazin-1-ylmethyl]-3a,4-dihydro-3H-chromeno[4,3-c]isoxazole-7-carbonitrile 663933-57-1P 663933-58-2P, 8-Methoxy-3-[4-(2-methyl-3-phenylallyl)piperazin-1-ylmethyl]-3a,4-dihydro-3H-chromeno[4,3-c]isoxazole-7-carboxylic acid ethylamide 663933-59-3P, 8-Methoxy-3-[4-(2-methyl-3-phenylallyl)piperazin-1-ylmethyl]-7-phenyl-3a,4-dihydro-3H-chromeno[4,3-c]isoxazole 663933-60-6P, 1-[5-[8-Methoxy-3-[4-(2-methyl-3-phenylallyl)piperazin-1-ylmethyl]-3a,4-dihydro-3H-chromeno[4,3-c]isoxazol-7-yl]thiophen-2-yl]ethanone 663933-61-7P 663933-62-8P 663933-63-9P 663933-65-1P 663933-66-2P 663933-68-4P 663933-69-5P 663933-70-8P 663933-71-9P 663933-72-0P 663933-74-2P 663933-76-4P 663933-77-5P 663933-78-6P 663933-79-7P 663933-80-0P 663933-81-1P 663933-89-9P 663933-90-2P 663933-91-3P 663933-92-4P 663933-93-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

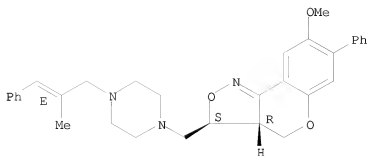
(preparation of piperazinylalkylchromenoisoxazolines as antidepressants)

RN 452320-31-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-7-phenyl-, (3R,3aS)-rel- (CA INDEX NAME)

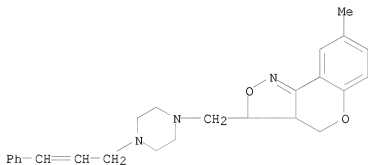
Relative stereochemistry.

Double bond geometry as shown.



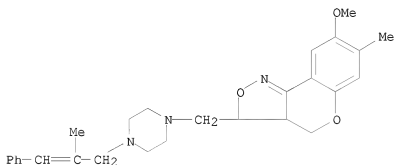
RN 663933-45-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methyl-3-[[4-(3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]- (CA INDEX NAME)



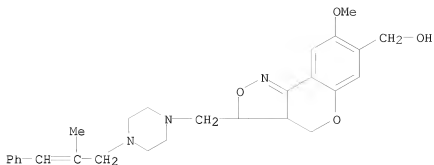
RN 663933-46-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-7-methyl-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]- (CA INDEX NAME)



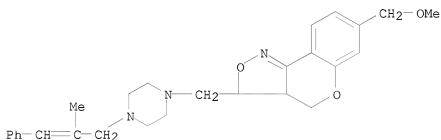
RN 663933-47-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-methanol, 3a,4-dihydro-8-methoxy-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]- (CA INDEX NAME)



RN 663933-48-0 CAPLUS

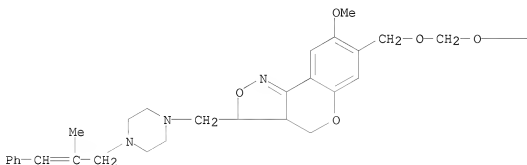
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-(methoxymethyl)-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]- (CA INDEX NAME)



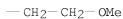
RN 663933-49-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-7-[[[2-methoxyethoxy)methoxy]methyl]-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]- (CA INDEX NAME)

PAGE 1-A



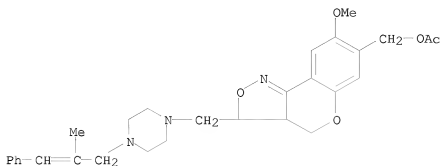
PAGE 1-B



RN 663933-50-4 CAPLUS

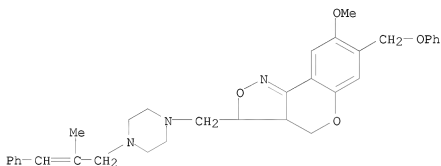
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-methanol, 3a,4-dihydro-8-methoxy-3-[[4-

(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl)methyl]-, 7-acetate (CA INDEX NAME)



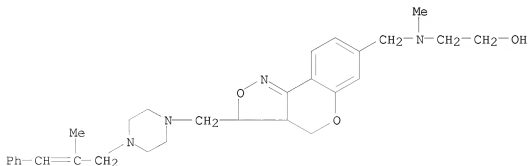
RN 663933-51-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl)methyl]-7-(phenoxymethyl)- (CA INDEX NAME)



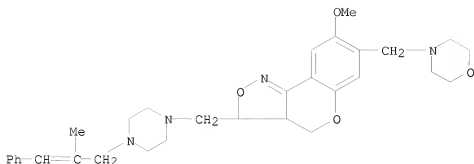
RN 663933-52-6 CAPLUS

CN Ethanol, 2-[[[3a,4-dihydro-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl)methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl)methyl)methylamino]- (CA INDEX NAME)



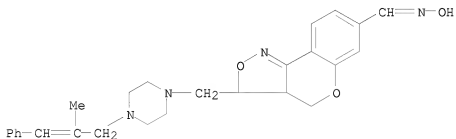
RN 663933-53-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl)methyl]-7-(4-morpholinylmethyl)- (CA INDEX NAME)



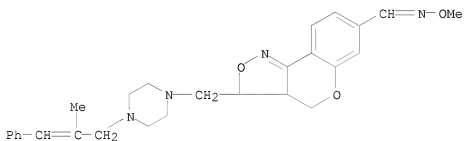
RN 663933-54-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-carboxaldehyde, 3a,4-dihydro-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]-, oxime (CA INDEX NAME)



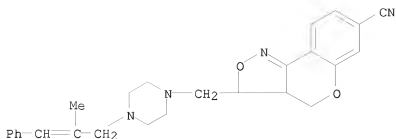
RN 663933-55-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-carboxaldehyde, 3a,4-dihydro-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]-, O-methyloxime (CA INDEX NAME)



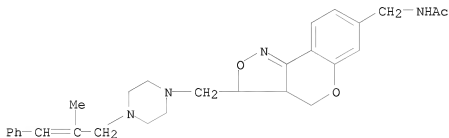
RN 663933-56-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-carbonitrile, 3a,4-dihydro-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]- (CA INDEX NAME)



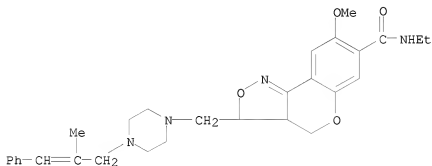
RN 663933-57-1 CAPLUS

CN Acetamide, N-[[3a,4-dihydro-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]methyl]- (CA INDEX NAME)



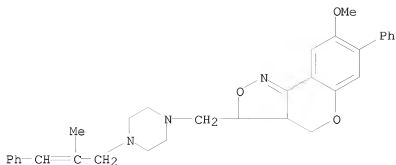
RN 663933-58-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-carboxamide, N-ethyl-3a,4-dihydro-8-methoxy-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]- (CA INDEX NAME)



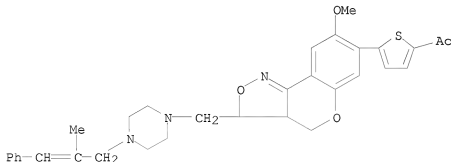
RN 663933-59-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]-7-phenyl-1-methyl-2-propen-1-yl- (CA INDEX NAME)



RN 663933-60-6 CAPLUS

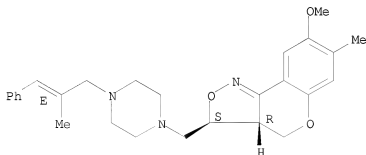
CN Ethanone, 1-[5-[3a,4-dihydro-8-methoxy-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-2-thienyl]- (CA INDEX NAME)



RN 663933-61-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-7-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

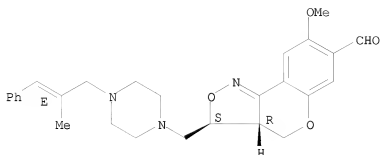


RN 663933-62-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-carboxaldehyde, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

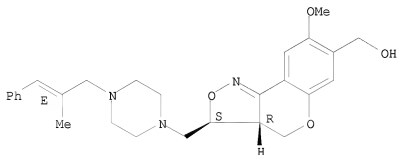


RN 663933-63-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-methanol, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



● 2 HCl

RN 663933-65-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-7-[[[2-methoxyethoxy)methoxy)methyl]-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, ethanedioate (1:1), (3R,3aS)-rel- (CA INDEX NAME)

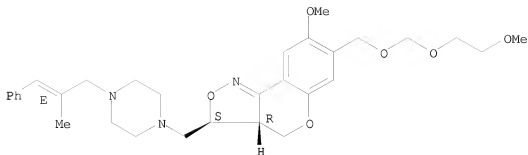
CM 1

CRN 663933-64-0

CMF C31 H41 N3 O6

Relative stereochemistry.

Double bond geometry as shown.



CM 2

CRN 144-62-7

CMF C2 H2 O4

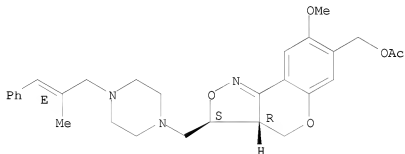


RN 663933-66-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-methanol, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-, 7-acetate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



RN 663933-68-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-7-(phenoxymethyl)-, ethanedioate (1:1), (3R,3aS)-rel- (CA INDEX NAME)

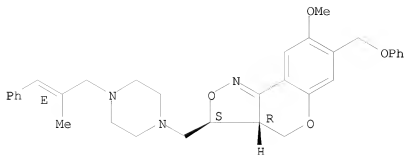
CM 1

CRN 663933-67-3

CMF C33 H37 N3 O4

Relative stereochemistry.

Double bond geometry as shown.



CM 2

CRN 144-62-7

CMF C2 H2 O4

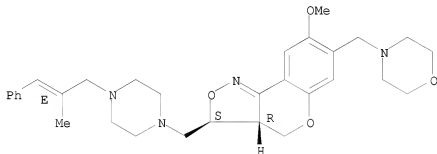


RN 663933-69-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-7-(4-morpholinylmethyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

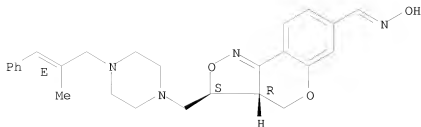


RN 663933-70-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-carboxaldehyde, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, oxime, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

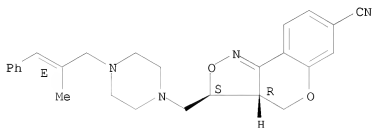
Double bond geometry as described by E or Z.



RN 663933-71-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-carbonitrile, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

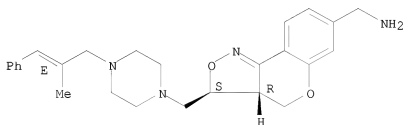
Relative stereochemistry.
Double bond geometry as shown.



RN 663933-72-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-methanamine, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 663933-74-2 CAPLUS

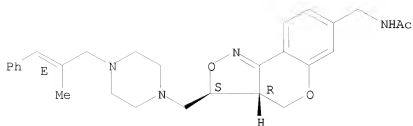
CN Acetamide, N-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]methyl]-, ethanedioate (1:1), rel- (CA INDEX NAME)

CM 1

CRN 663933-73-1

CMF C28 H34 N4 O3

Relative stereochemistry.
Double bond geometry as shown.



CM 2

CRN 144-62-7

CMF C2 H2 O4



RN 663933-76-4 CAPLUS

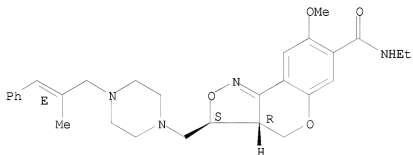
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-carboxamide, N-ethyl-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl], ethanedioate (1:1), (3R,3aS)-rel- (CA INDEX NAME)

CM 1

CRN 663933-75-3

CMF C29 H36 N4 O4

Relative stereochemistry.
Double bond geometry as shown.



CM 2

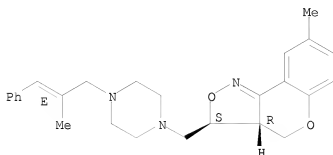
CRN 144-62-7

CMF C2 H2 O4



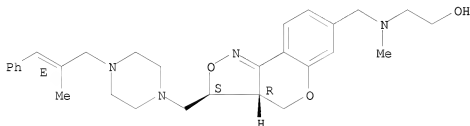
RN 663933-77-5 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 663933-78-6 CAPLUS
 CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]methyl]methylamino]-, hydrochloride (1:2), rel- (CA INDEX NAME)

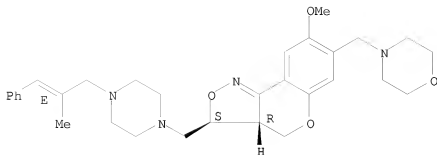
Relative stereochemistry.
 Double bond geometry as shown.



● 2 HCl

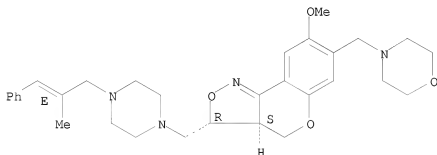
RN 663933-79-7 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-7-(4-morpholinylmethyl)-, (3S,3aR)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



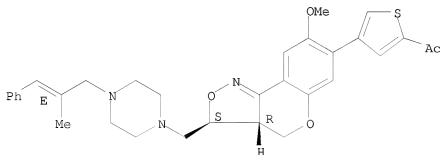
RN 663933-80-0 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-7-(4-morpholinylmethyl)-, (3R,3aS)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



RN 663933-81-1 CAPLUS
 CN Ethanone, 1-[4-[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-2-thienyl]-, rel- (CA INDEX NAME)

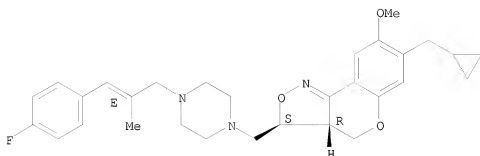
Relative stereochemistry.
 Double bond geometry as shown.



RN 663933-89-9 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopropylmethyl)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

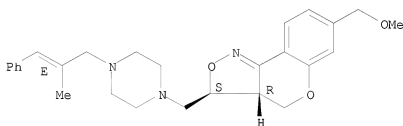


RN 663933-90-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-(methoxymethyl)-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



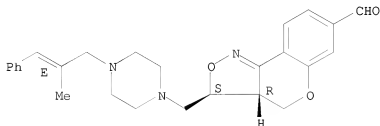
● 2 HCl

RN 663933-91-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-carboxaldehyde, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

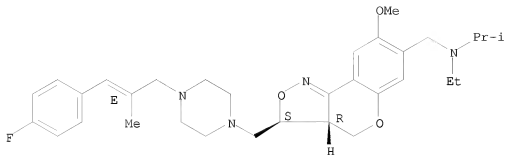
Double bond geometry as shown.



RN 663933-92-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-methanamine, N-ethyl-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-N-(1-methylethyl)-, (3R,3aS)-rel- (CA INDEX NAME)

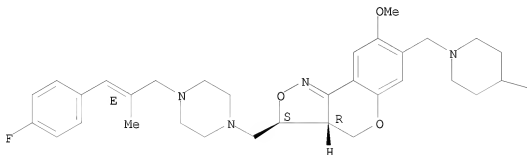
Relative stereochemistry.
Double bond geometry as shown.



RN 663933-93-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-7-[(4-methyl-1-piperidinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

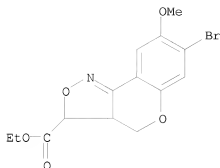
PAGE 1-A



PAGE 1-B

Me

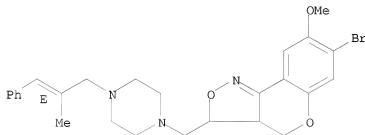
IT 663933-85-5P 663933-88-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of piperazinylalkylchromenoisoxazolines as antidepressants)
RN 663933-85-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 7-bromo-3a,4-dihydro-8-methoxy-, ethyl ester (CA INDEX NAME)



RN 663933-88-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-bromo-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]- (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:892834 CAPLUS

DOCUMENT NUMBER: 139:365764

TITLE: Diblock copolymers for use in pharmaceutical dosage forms

INVENTOR(S): Arieen, Albertina Maria Eduarda; Brewster, Marcus Eli; Nathan, Aruna; Rosenblatt, Joel; Ould-Ouali, Louisa Myriam; Preat, Veronique

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003093344	A1	20031113	WO 2003-EP4368	20030424
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2483282 A1 20031113 CA 2003-2483282 20030424
AU 2003222310 A1 20031117 AU 2003-222310 20030424
EP 1504047 A1 20050209 EP 2003-717321 20030424
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

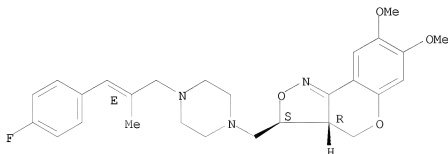
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ES 2298510 T3 20080516 ES 2003-717321 20030424
MX 2004PA10778 A 20050307 MX 2004-PA10778 20041029
ZA 2004008854 A 20051102 ZA 2004-8854 20041102
NO 2004005283 A 20050107 NO 2004-5283 20041202
US 20060034797 A1 20060216 US 2005-522456 20050121
PRIORITY APPLN. INFO.: US 2002-377901P P 20020503
WO 2003-EP4368 W 20030424

IT 452314-01-1
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(diblock copolymers for use in pharmaceutical dosage forms)

RN 452314-01-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



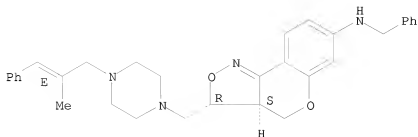
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2003:796712 CAPLUS
DOCUMENT NUMBER: 139:307799
TITLE: Preparation of isoxazoline derivatives as antidepressants
INVENTOR(S): Andres-Gil, Jose Ignacio; Alcazar-Vaca, Manuel Jesus; Bakker, Margaretha Henrica Maria; De Lucas Olivares, Ana Isabel
PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

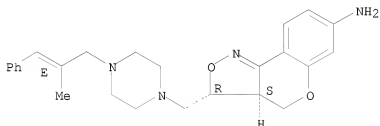
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WO 2003082878	A1	20031009	WO 2003-EP3245	20030327
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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MX 2004PA08626	A	20041206	MX 2004-PA8626	20040906
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ZA 2004007904	A	20051020	ZA 2004-7904	20040930
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PRIORITY APPLN. INFO.:			EP 2002-76239	A 20020402
			WO 2003-EP3245	W 20030327
OTHER SOURCE(S):		MARPAT 139:307799		
IT 612074-52-9P 612074-55-2P 612074-58-5P 612074-59-6P 612074-62-1P 612074-63-2P				
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (drug candidate; preparation of isoxazoline derivs. as antidepressants)				
RN 612074-52-9 CAPLUS				
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-N-(phenylmethyl)-, (3R,3aS)-rel- (CA INDEX NAME)				

Relative stereochemistry.
Double bond geometry as shown.



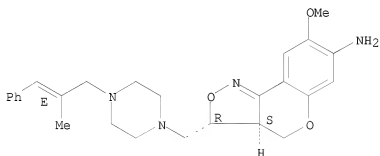
RN 612074-55-2 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



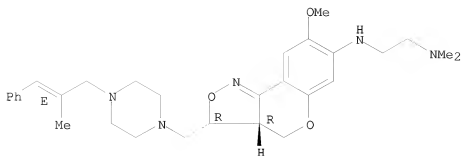
RN 612074-58-5 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



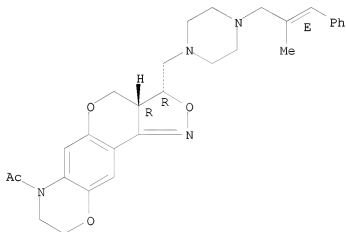
RN 612074-59-6 CAPLUS
 CN 1,2-Ethanediamine, N2-[(3R,3aR)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N1-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



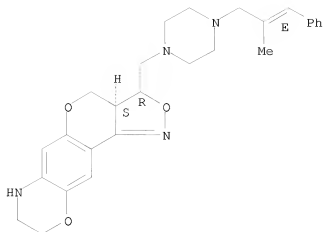
RN 612074-62-1 CAPLUS
 CN Ethanone, 1-[(3R,3aR)-3a,4,8,9-tetrahydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H,7H-isoxazolo[3',4':4,5]pyrano[2,3-g][1,4]benzoxazin-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 612074-63-2 CAPLUS
 CN 3H,7H-Isioxazolo[3',4':4,5]pyrano[2,3-g][1,4]benzoxazine, 3a,4,8,9-tetrahydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



IT 612074-51-8P 612074-53-0P 612074-54-1P
612074-56-3P 612074-57-4P 612074-60-9P
612074-61-0P 612074-64-3P 612074-65-4P
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612074-69-8P 612074-70-1P 612074-71-2P
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

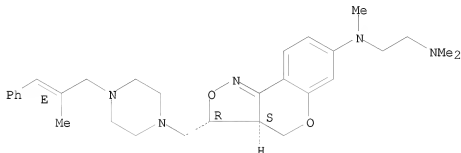
(drug candidate; preparation of isoxazoline derivs. as antidepressants)

RN 612074-51-8 CAPLUS

CN 1,2-Ethanediamine, N1-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N2,N2-trimethyl-, hydrochloride (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



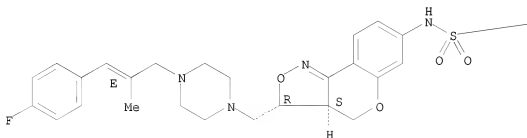
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RN 612074-53-0 CAPLUS

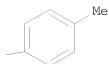
CN Benzenesulfonamide, N-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-4-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



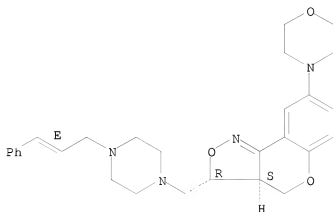
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PAGE 1-B

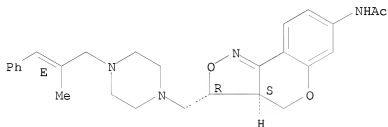
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 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-(4-morpholinyl)-3-[[4-
 [(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA
 INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



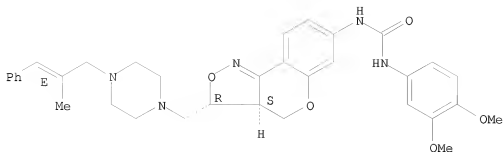
RN 612074-56-3 CAPLUS
 CN Acetamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-
 1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel-
 (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 612074-57-4 CAPLUS
 CN Urea, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-
 yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-(3,4-
 dimethoxyphenyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

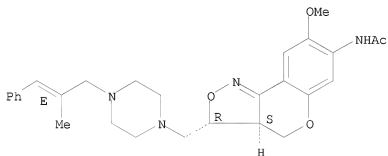


RN 612074-60-9 CAPLUS

CN Acetamide, N-[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

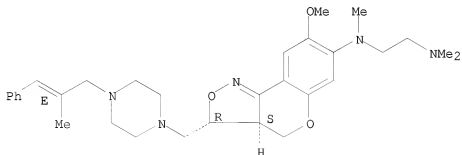


RN 612074-61-0 CAPLUS

CN 1,2-Ethanediamine, N1-[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl)-N1,N2,N2-trimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

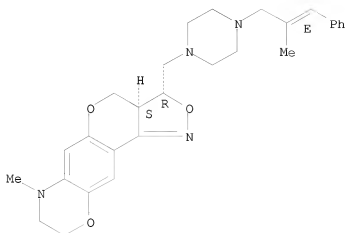


RN 612074-64-3 CAPLUS

CN 3H,7H-Isoxazolo[3',4':4,5]pyrano[2,3-g][1,4]benzoxazine, 3a,4,8,9-tetrahydro-7-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

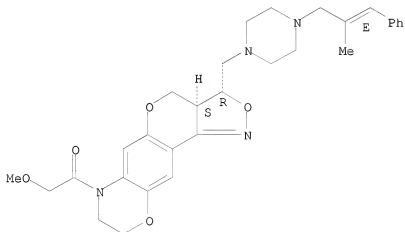


RN 612074-65-4 CAPLUS

CN Ethanone, 2-methoxy-1-[(3R,3aS)-3a,4,8,9-tetrahydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H,7H-isoxazolo[3',4':4,5]pyrano[2,3-g][1,4]benzoxazin-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

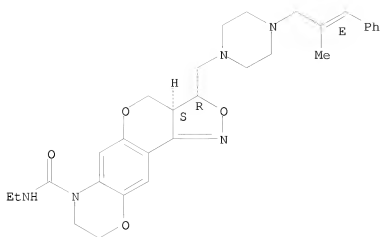


RN 612074-66-5 CAPLUS

CN 3H,7H-Isioxazolo[3',4':4,5]pyrano[2,3-g][1,4]benzoxazine-7-carboxamide, N-ethyl-3a,4,8,9-tetrahydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

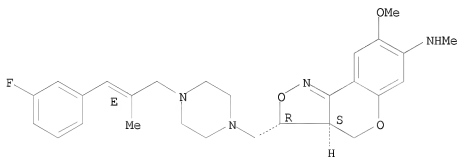


RN 612074-67-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-N-methyl-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

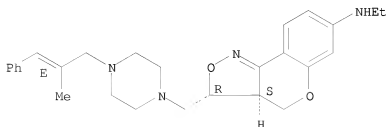


RN 612074-68-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, N-ethyl-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



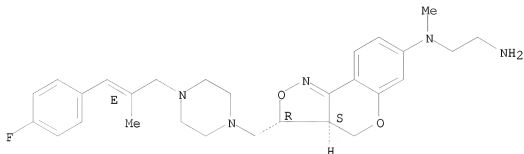
RN 612074-69-8 CAPLUS

CN 1,2-Ethanediamine, N1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-

c]isoxazol-7-yl]-N1-methyl-, hydrochloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



● HCl

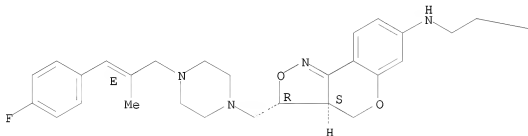
RN 612074-70-1 CAPLUS

CN 1,2-Ethanediamine, N1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N2-methyl-, hydrochloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

PAGE 1-A



● HCl

PAGE 1-B

—NHMe

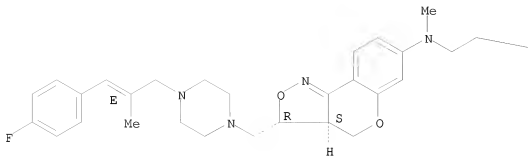
RN 612074-71-2 CAPLUS

CN 1,2-Ethanediamine, N1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N2-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

PAGE 1-A



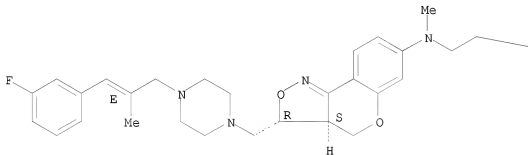
PAGE 1-B

NHMe

RN 612074-72-3 CAPLUS
CN 1,2-Ethanediamine, N1-[(3R,3aS)-3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N2,N2-trimethyl-, hydrochloride (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

PAGE 1-A



● 2 HCl

PAGE 1-B

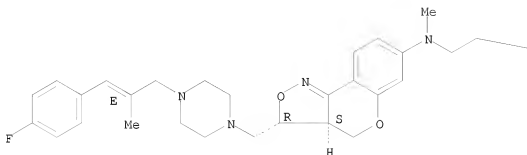
NMe2

RN 612074-73-4 CAPLUS
CN 1,2-Ethanediamine, N1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N2,N2-trimethyl-, hydrochloride (1:1), rel- (CA INDEX NAME)

NAME)

Relative stereochemistry.
Double bond geometry as shown.

PAGE 1-A



● HCl

PAGE 1-B

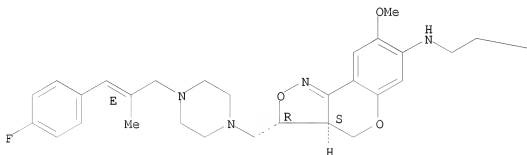
—NMe₂

RN 612074-74-5 CAPLUS

CN 1,2-Ethanediamine, N2-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N1-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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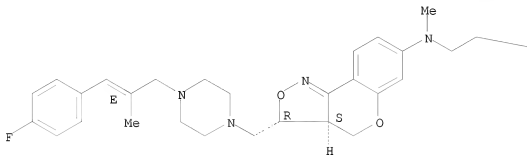
PAGE 1-B

—NMe₂

RN 612074-75-6 CAPLUS
 CN 1,2-Ethanediamine, N1,N1-diethyl-N2-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N2-methyl-, hydrochloride (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

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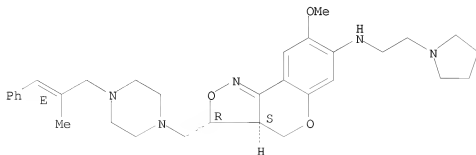
● HCl

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—NEt₂

RN 612074-76-7 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-N-[2-(1-pyrrolidinyl)ethyl]-, (3R,3aS)-rel- (CA INDEX NAME)

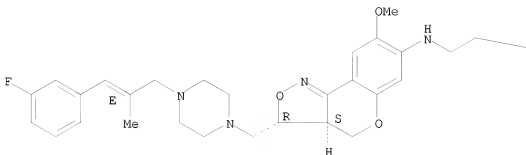
Relative stereochemistry.
 Double bond geometry as shown.



RN 612074-77-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-N-[2-(1-pyrrolidinyl)ethyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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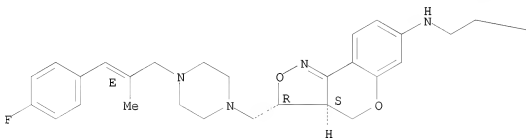


RN 612074-78-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-N-[2-(1-pyrrolidinyl)ethyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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PAGE 1-B

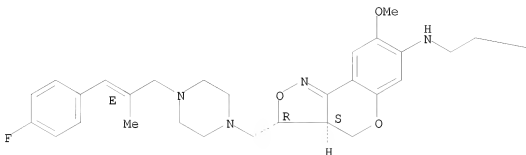


RN 612074-79-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-N-[2-(1-pyrrolidinyl)ethyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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PAGE 1-B

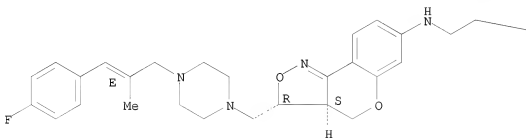


RN 612074-80-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-N-[2-(4-morpholinyl)ethyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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PAGE 1-B

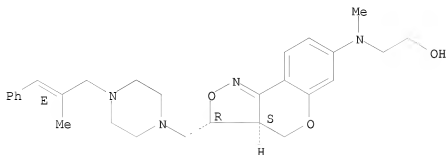


RN 612074-81-4 CAPLUS

CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-

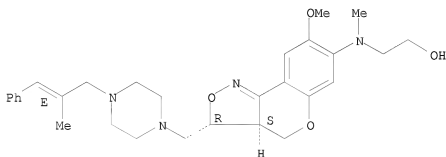
yl)methylamino]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



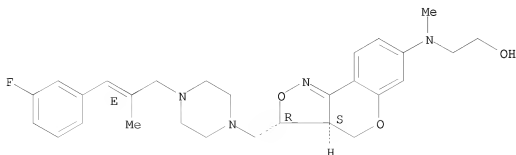
RN 612074-82-5 CAPLUS
CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl)methylamino]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 612074-83-6 CAPLUS
CN Ethanol, 2-[[[(3R,3aS)-3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl)methylamino]-, rel- (CA INDEX NAME)

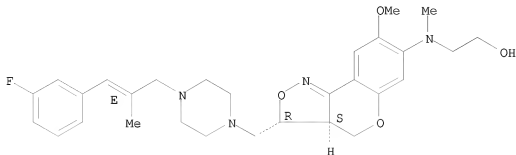
Relative stereochemistry.
Double bond geometry as shown.



RN 612074-84-7 CAPLUS
CN Ethanol, 2-[[[(3R,3aS)-3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-

yl]-1-piperazinyl)methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl)methylamino]-, rel- (CA INDEX NAME)

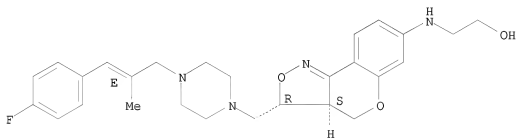
Relative stereochemistry.
Double bond geometry as shown.



RN 612074-85-8 CAPLUS

CN Ethanol, 2-[[[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]amino]-, rel- (CA INDEX NAME)

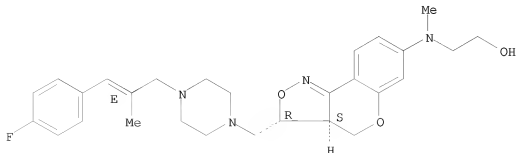
Relative stereochemistry.
Double bond geometry as shown.



RN 612074-86-9 CAPLUS

CN Ethanol, 2-[[[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]methylamino]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

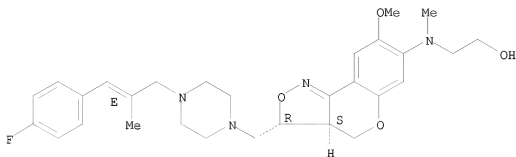


RN 612074-87-0 CAPLUS

CN Ethanol, 2-[[[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-

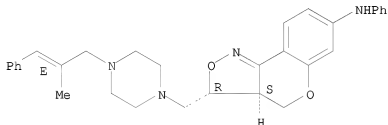
yl]-1-piperazinyl)methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl)methylamino]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



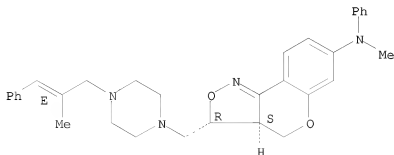
RN 612074-88-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-N-phenyl-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 612074-89-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-N-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-N-phenyl-, (3R,3aS)-rel- (CA INDEX NAME)

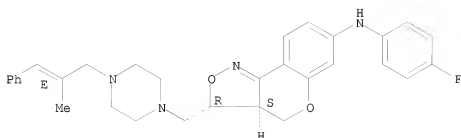
Relative stereochemistry.
Double bond geometry as shown.



RN 612074-90-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, N-(4-fluorophenyl)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-,

(3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

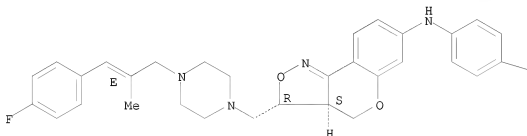


RN 612074-91-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-N-(4-methoxyphenyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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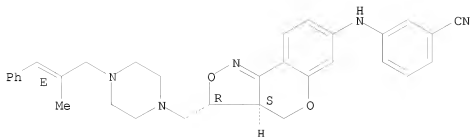
PAGE 1-B

OMe

RN 612074-92-7 CAPLUS

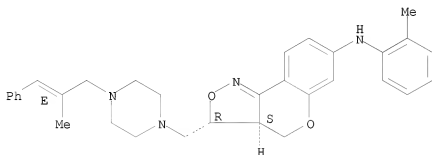
CN Benzonitrile, 3-[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



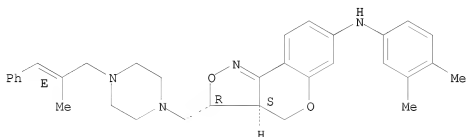
RN 612074-93-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-N-(2-methylphenyl)-
 3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-,
 (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



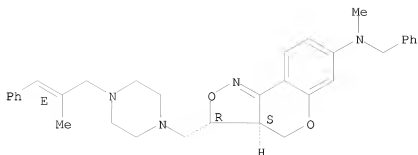
RN 612074-94-9 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, N-(3,4-dimethylphenyl)-3a,4-
 dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-,
 (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 612074-95-0 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-N-methyl-3-[[4-
 [(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-N-
 (phenylmethyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

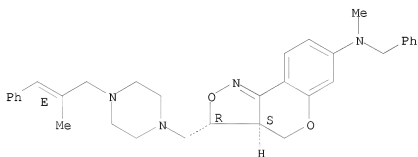


RN 612074-96-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-N-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-N-(phenylmethyl)-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



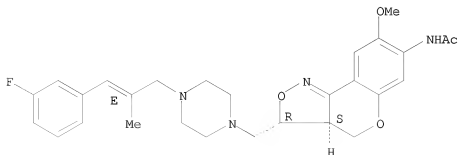
● 2 HCl

RN 612074-97-2 CAPLUS

CN Acetamide, N-[(3R,3aS)-3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

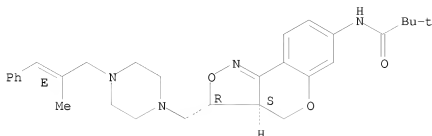


RN 612074-98-3 CAPLUS

CN Propanamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-

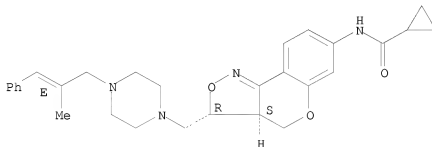
2,2-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



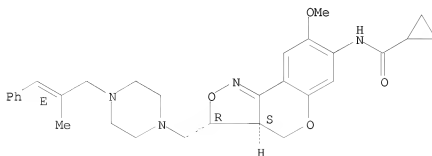
RN 612074-99-4 CAPLUS
CN Cyclopropanecarboxamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



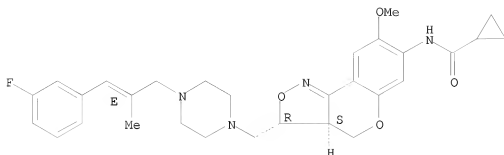
RN 612075-00-0 CAPLUS
CN Cyclopropanecarboxamide, N-[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



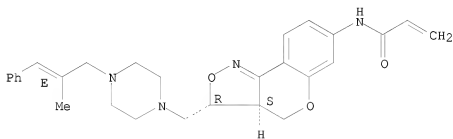
RN 612075-01-1 CAPLUS
CN Cyclopropanecarboxamide, N-[(3R,3aS)-3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



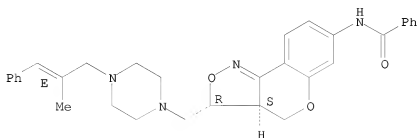
RN 612075-02-2 CAPLUS
CN 2-Propenamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



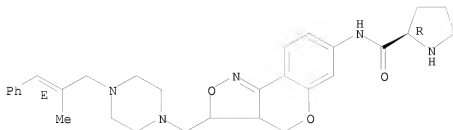
RN 612075-03-3 CAPLUS
CN Benzamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



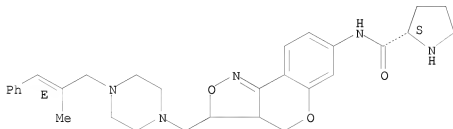
RN 612075-04-4 CAPLUS
CN 2-Pyrrolidinecarboxamide, N-[3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



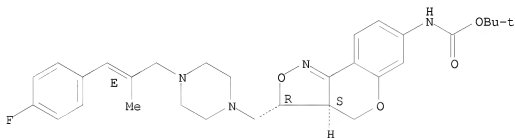
RN 612075-05-5 CAPLUS
CN 2-Pyrrolidinecarboxamide, N-[3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



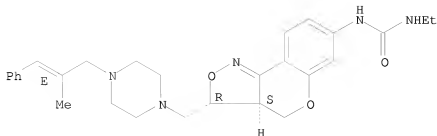
RN 612075-06-6 CAPLUS
CN Carbamic acid, [(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 612075-07-7 CAPLUS
CN Urea, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-ethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

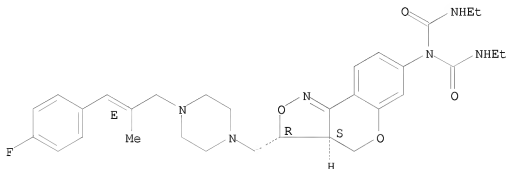


RN 612075-08-8 CAPLUS

CN Imidodicarbonic diamide, N,N'-diethyl-2-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

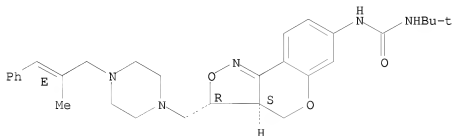


RN 612075-09-9 CAPLUS

CN Urea, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-(1,1-dimethylethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

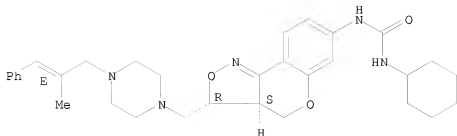


RN 612075-10-2 CAPLUS

CN Urea, N-cyclohexyl-N'-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

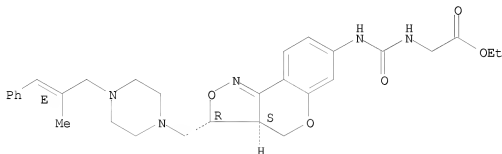
Double bond geometry as shown.



RN 612075-11-3 CAPLUS

CN Glycine, N-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]amino]carbonyl]-, ethyl ester, rel- (CA INDEX NAME)

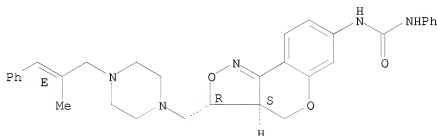
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-12-4 CAPLUS

CN Urea, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-phenyl-, rel- (CA INDEX NAME)

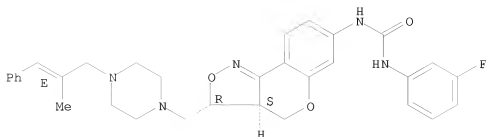
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-13-5 CAPLUS

CN Urea, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-(3-fluorophenyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

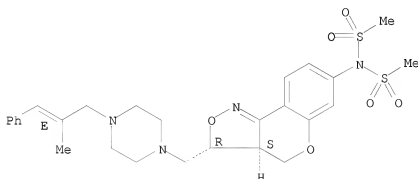


RN 612075-14-6 CAPLUS

CN Methanesulfonamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N-(methylsulfonyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

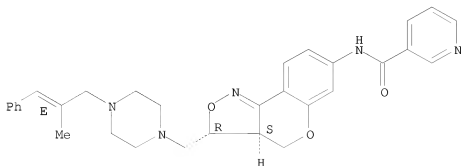


RN 612075-15-7 CAPLUS

CN 3-Pyridinecarboxamide, N-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

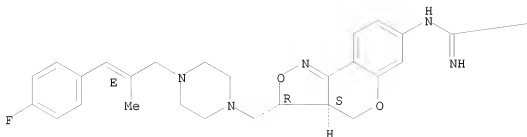


RN 612075-16-8 CAPLUS

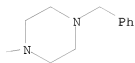
CN 1-Piperazinecarboximidamide, N-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-4-(phenylmethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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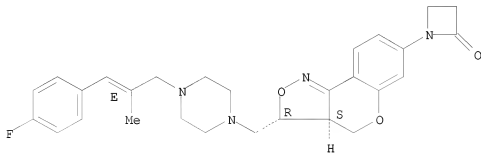
PAGE 1-B



RN 612075-17-9 CAPLUS

CN 2-Azetidinone, 1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

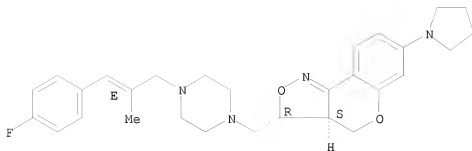
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-18-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7-(1-pyrrolidinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

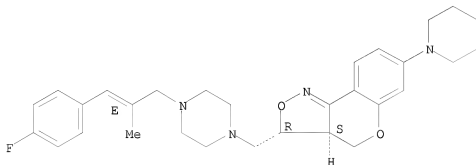


RN 612075-19-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7-(1-piperidinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



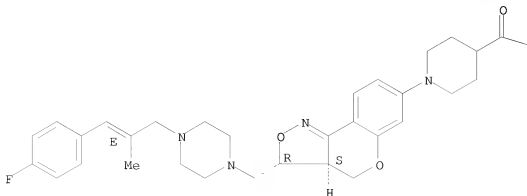
RN 612075-20-4 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, ethyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

PAGE 1-A



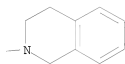
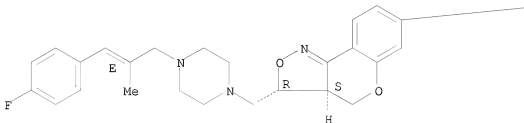
OEt

RN 612075-21-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(3,4-dihydro-2(1H)-isoquinolinyl)-3-
[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-
3a,4-dihydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

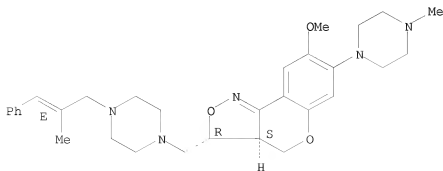


RN 612075-22-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-
methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-7-(4-methyl-1-
piperazinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

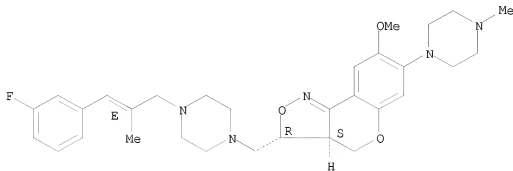
Double bond geometry as shown.



RN 612075-23-7 CAPLUS

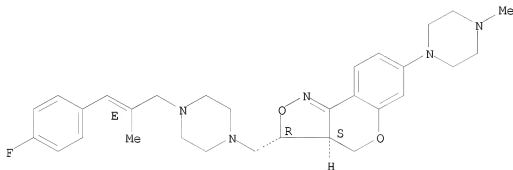
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-7-(4-methyl-1-piperazinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



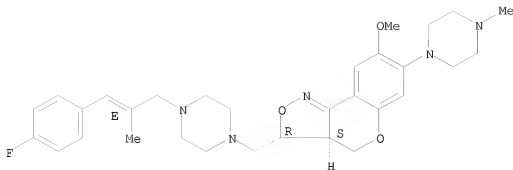
RN 612075-24-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7-(4-methyl-1-piperazinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 612075-25-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-7-(4-methyl-1-piperazinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

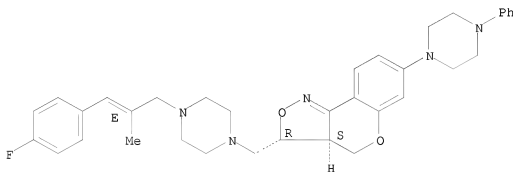


RN 612075-26-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7-(4-phenyl-1-piperazinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

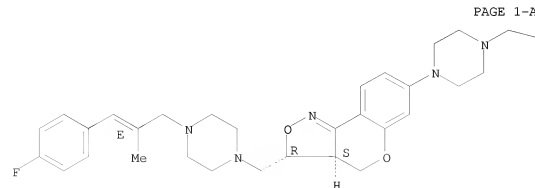


RN 612075-27-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7-[4-(phenylmethyl)-1-piperazinyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



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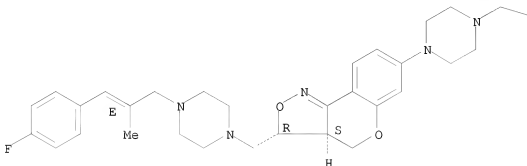
Ph

RN 612075-28-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



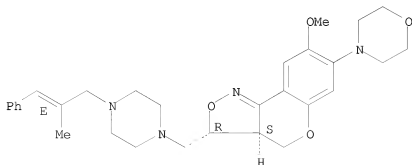

Ph

RN 612075-29-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-7-(4-morpholinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



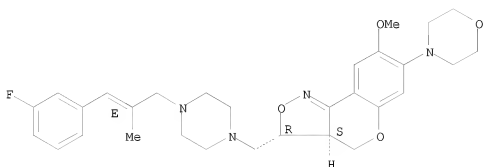
RN 612075-30-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-7-(4-

morpholinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

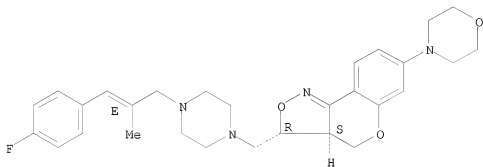


RN 612075-31-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7-(4-morpholinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

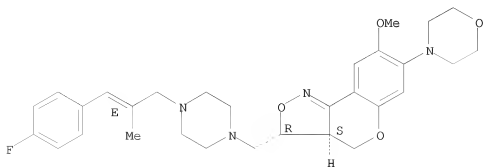


RN 612075-32-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-7-(4-morpholinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

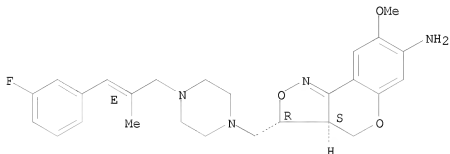


RN 612075-33-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

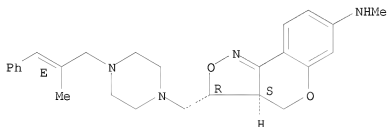


RN 612075-34-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-N-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



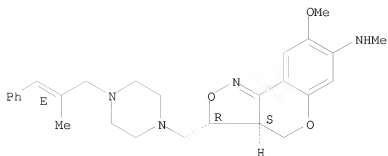
●2 HCl

RN 612075-35-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3a,4-dihydro-8-methoxy-N-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

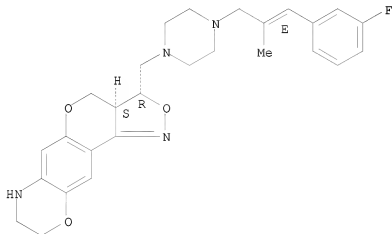


RN 612075-36-2 CAPLUS

CN 3H,7H-Isoxazolo[3',4':4,5]pyrano[2,3-g][1,4]benzoxazine,
3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-
piperazinyl]methyl]-3a,4,8,9-tetrahydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

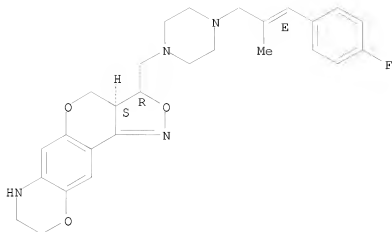


RN 612075-37-3 CAPLUS

CN 3H,7H-Isoxazolo[3',4':4,5]pyrano[2,3-g][1,4]benzoxazine,
3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-
piperazinyl]methyl]-3a,4,8,9-tetrahydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

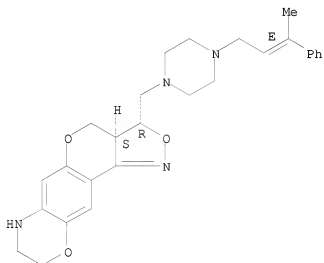
Double bond geometry as shown.



RN 612075-38-4 CAPLUS

CN 3H,7H-Isioxazolo[3',4':4,5]pyrano[2,3-g][1,4]benzoxazine,
3a,4,8,9-tetrahydro-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-
piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

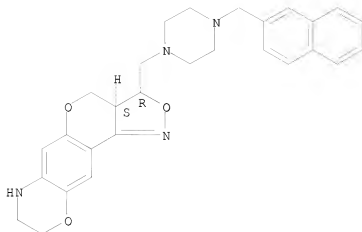
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-39-5 CAPLUS

CN 3H,7H-Isioxazolo[3',4':4,5]pyrano[2,3-g][1,4]benzoxazine,
3a,4,8,9-tetrahydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-,
(3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

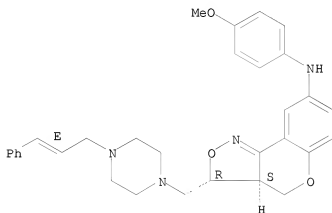


RN 612075-40-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-8-amine, 3a,4-dihydro-N-(4-methoxyphenyl)-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

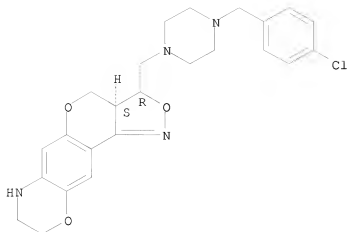
Double bond geometry as shown.



RN 612075-41-9 CAPLUS

CN 3H,7H-Isloxazolo[3',4':4,5]pyrano[2,3-g][1,4]benzoxazine, 3-[[4-[(4-chlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4,8,9-tetrahydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

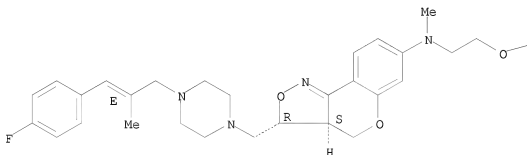


RN 612075-42-0 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 2-[[[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]methylamino]ethyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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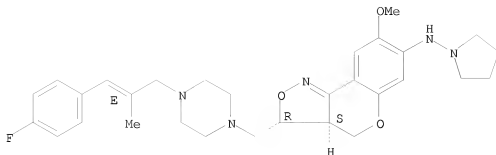
PAGE 1-B



RN 612075-43-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-N-1-pyrrolidinyl-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

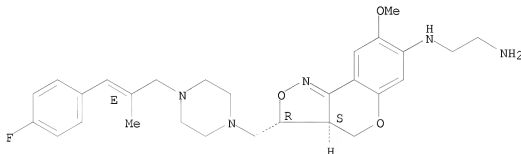


RN 612075-44-2 CAPLUS

CN 1,2-Ethanediamine, N1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

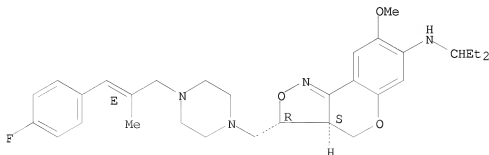


RN 612075-45-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, N-(1-ethylpropyl)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

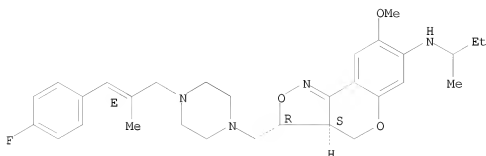


RN 612075-46-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-N-(1-methylpropyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

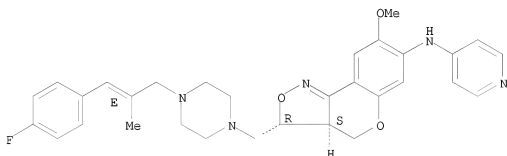


RN 612075-47-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-N-4-pyridinyl-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

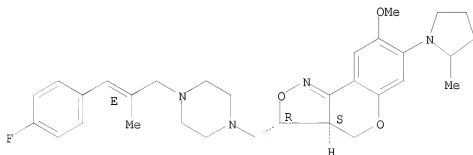


RN 612075-48-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-7-(2-methyl-1-pyrrolidinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

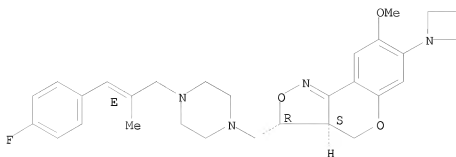
Double bond geometry as shown.



RN 612075-49-7 CAPLUS

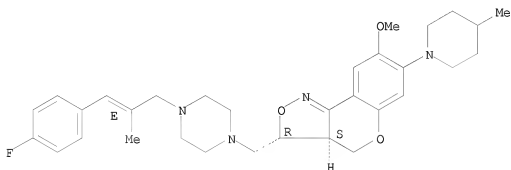
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(1-azetidiny)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



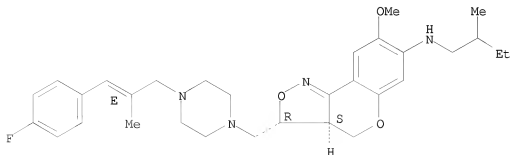
RN 612075-50-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-7-(4-methyl-1-piperidinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 612075-51-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-N-(2-methylbutyl)-, (3R,3aS)-rel- (CA INDEX NAME)

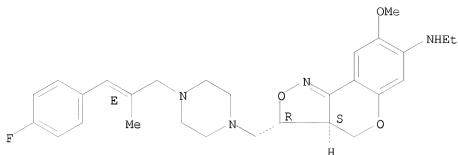
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-52-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, N-ethyl-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-

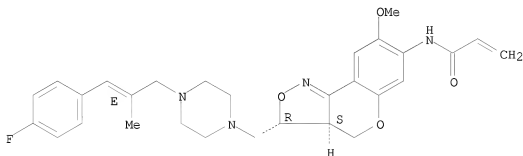
methoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



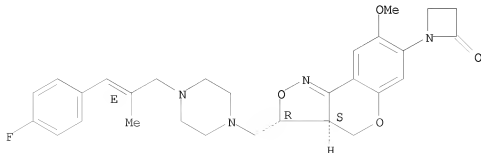
RN 612075-53-3 CAPLUS
CN 2-Propenamide, N-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 612075-54-4 CAPLUS
CN 2-Azetidinone, 1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

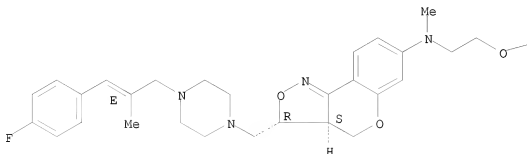


RN 612075-55-5 CAPLUS
CN Cyclobutanecarboxylic acid, 2-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-

methyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl)methylamino]ethyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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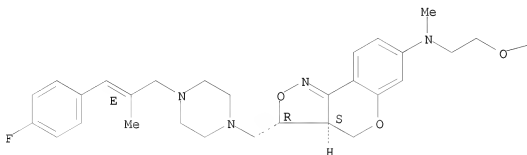
PAGE 1-B



RN 612075-56-6 CAPLUS
CN Cyclopropanecarboxylic acid, 2-[[[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl)methylamino]ethyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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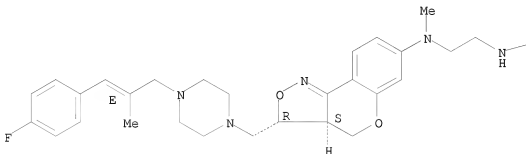
RN 612075-57-7 CAPLUS

CN 1,2-Ethanediamine, N2-(1,2-dimethylpropyl)-N1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

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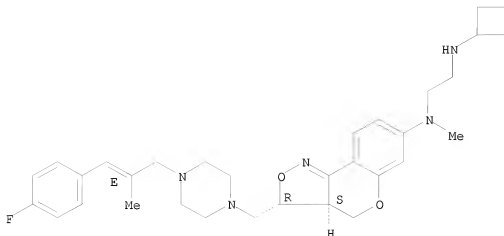


RN 612075-58-8 CAPLUS

CN 1,2-Ethanediamine, N2-cyclobutyl-N1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



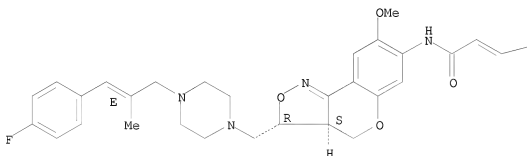
RN 612075-59-9 CAPLUS

CN 2-Butenamide, N-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as described by E or Z.

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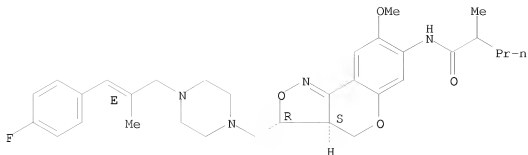
Me

RN 612075-60-2 CAPLUS

CN Pentanamide, N-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-2-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

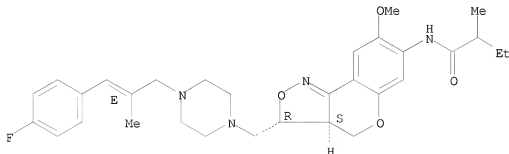


RN 612075-61-3 CAPLUS

CN Butanamide, N-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-2-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

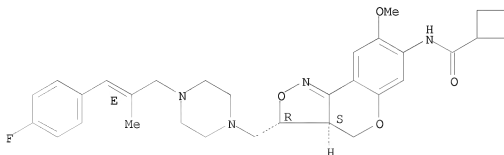


RN 612075-62-4 CAPLUS

CN Cyclobutanecarboxamide, N-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

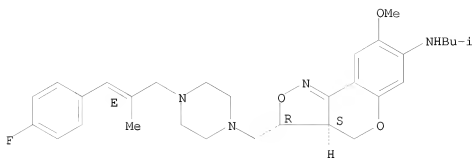


RN 612075-63-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-N-(2-methylpropyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



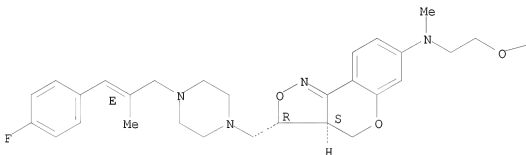
RN 612075-64-6 CAPLUS

CN Butanoic acid, 3,3-dimethyl-, 2-[[[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]methylamino]ethyl ester, rel- (CA INDEX NAME)

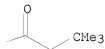
Relative stereochemistry.

Double bond geometry as shown.

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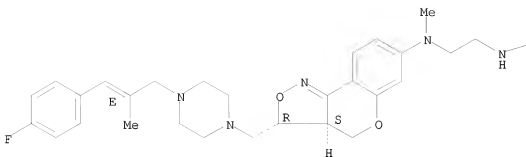
RN 612075-65-7 CAPLUS

CN 1,2-Ethanediamine, N2-(cyclopropylmethyl)-N1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

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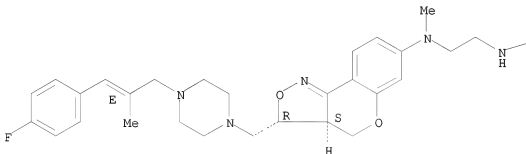
RN 612075-66-8 CAPLUS

CN 2-Propanol, 1-[[2-[[[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]methylamino]ethyl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

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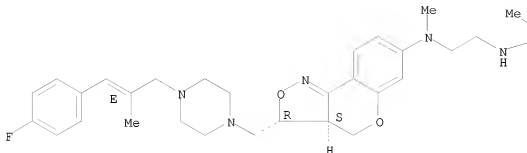


RN 612075-67-9 CAPLUS

CN 1,2-Ethanediamine, N2-(1,1-dimethylpropyl)-N1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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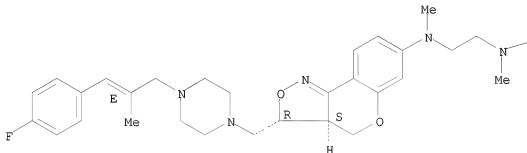
PAGE 1-B



RN 612075-68-0 CAPLUS
CN 1,2-Ethanediamine, N1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N2-dimethyl-N2-2-propen-1-yl-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

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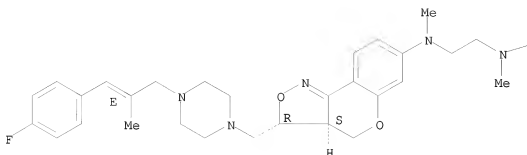


RN 612075-69-1 CAPLUS
CN 1,2-Ethanediamine, N1-(1,1-dimethylethyl)-N2-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N2-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

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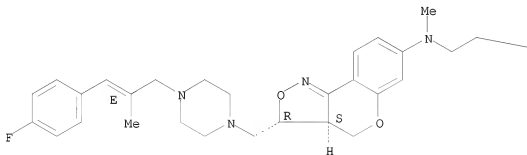
RN 612075-70-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, N-[2-(1-azetidiny)ethyl]-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-N-methyl-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

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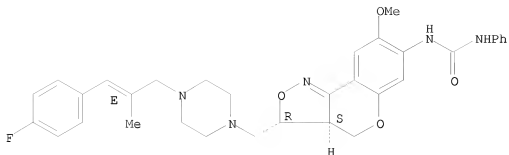


RN 612075-71-5 CAPLUS

CN Urea, N-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-8-methoxy-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N'-phenyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

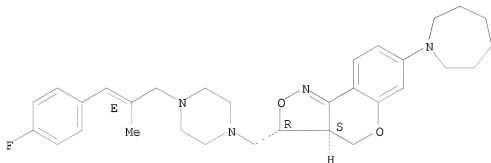


RN 612075-72-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-7-(hexahydro-1H-azepin-1-yl)-3a,4-dihydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



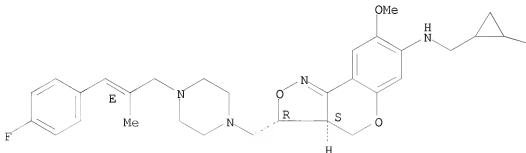
RN 612075-73-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-N-[(2-methylcyclopropyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

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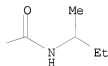
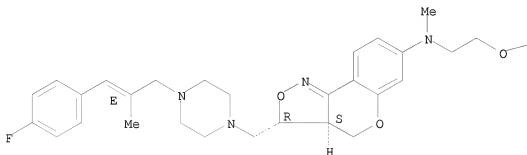
Me

RN 612075-74-8 CAPLUS

CN Carbamic acid, (1-methylpropyl)-, 2-[[[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl)methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl)methylamino]ethyl ester, rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

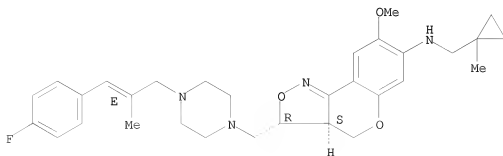


RN 612075-75-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-8-methoxy-N-[(1-methylcyclopropyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

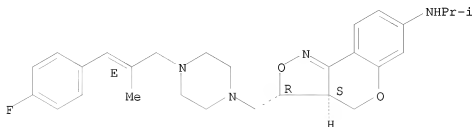
Double bond geometry as shown.



RN 612075-76-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-N-(1-methylethyl)-, (3R,3aS)-rel- (CA INDEX NAME)

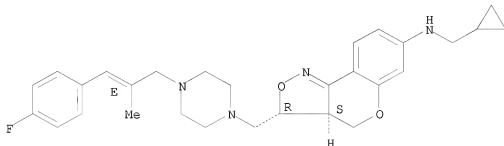
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-77-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, N-(cyclopropylmethyl)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-, (3R,3aS)-rel- (CA INDEX NAME)

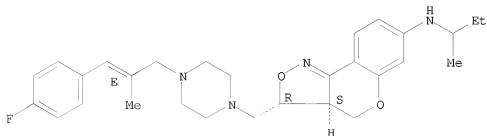
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-78-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-N-(1-methylpropyl)-, (3R,3aS)-rel- (CA INDEX NAME)

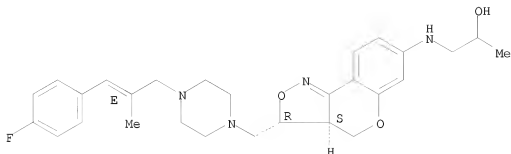
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-79-3 CAPLUS

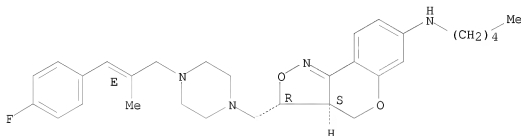
CN 2-Propanol, 1-[[[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



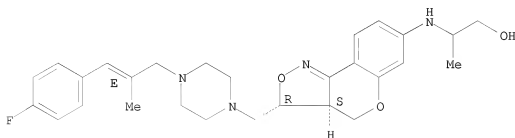
RN 612075-80-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-amine, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-N-pentyl-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



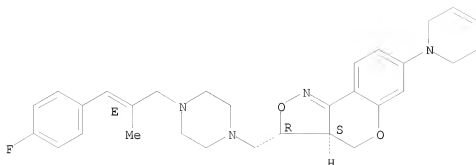
RN 612075-81-7 CAPLUS
CN 1-Propanol, 2-[[[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



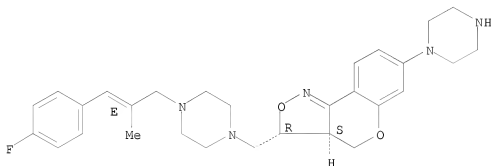
RN 612075-82-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(3,6-dihydro-1(2H)-pyridinyl)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



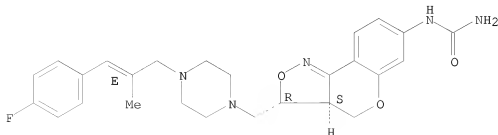
RN 612075-83-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7-(1-piperazinyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 612075-84-0 CAPLUS
CN Urea, N-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

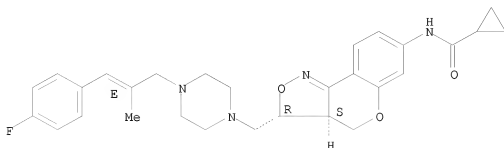
Relative stereochemistry.
Double bond geometry as shown.



RN 612075-85-1 CAPLUS
CN Cyclopropanecarboxamide, N-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-

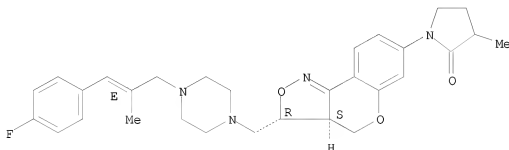
[1]benzopyrano[4,3-c]isoxazol-7-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



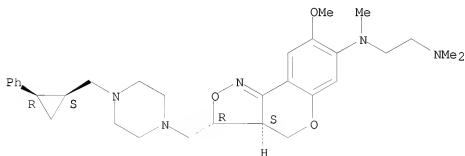
RN 612075-86-2 CAPLUS
CN 2-Pyrrolidinone, 1-[(3R,3aS)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-3-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



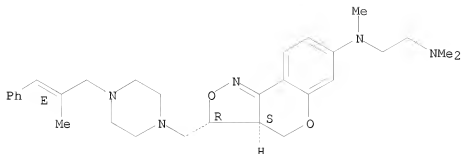
RN 612075-87-3 CAPLUS
CN 1,2-Ethanediamine, N1-[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(1R,2S)-2-phenylcyclopropyl]methyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N2,N2-trimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



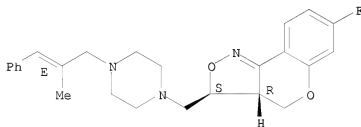
RN 612075-88-4 CAPLUS
CN 1,2-Ethanediamine, N1-[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-N1,N2,N2-trimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



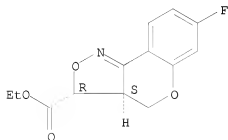
IT 452319-29-8P 612075-92-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(intermediate; preparation of isoxazoline derivs. as antidepressants)
RN 452319-29-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-fluoro-3a,4-dihydro-3-[[4-[(2E)-2-
methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA
INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 612075-92-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 7-fluoro-3a,4-dihydro-
, ethyl ester, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



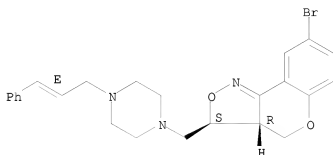
IT 452319-78-7 612075-96-4 612075-97-5
612075-98-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of isoxazoline derivs. as antidepressants)

RN 452319-78-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-bromo-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

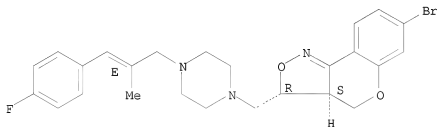


RN 612075-96-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-bromo-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

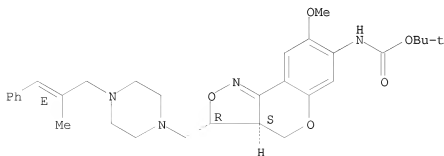


RN 612075-97-5 CAPLUS

CN Carbamic acid, [(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

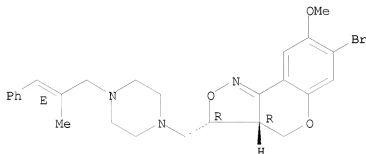
Double bond geometry as shown.



RN 612075-98-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-bromo-3a,4-dihydro-8-methoxy-3-[[4-
[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-,
(3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:535065 CAPLUS

DOCUMENT NUMBER: 139:292184

TITLE: Synthesis of 3a,4-dihydro-3H-[1]benzopyrano[4,3-
c]isoxazoles, displaying combined 5-HT uptake
inhibiting and α 2-adrenoceptor antagonistic
activities: a novel series of potential
antidepressants

AUTHOR(S): Andres, J. Ignacio; Alcazar, Jesus; Alonso, Jose M.;
Alvarez, Rosa M.; Cid, Jose M.; De Lucas, Ana I.;
Fernandez, Javier; Martinez, Sonia; Nieto, Carmen;
Pastor, Joaquin; Bakker, Margot H.; Biesmans, Ilse;
Heylen, Lieve I.; Megens, Anton A.

CORPORATE SOURCE: Division of Janssen-Cilag, Medicinal Chemistry
Department, Jarama s/n, Johnson & Johnson
Pharmaceutical Research & Development, Toledo, 45007,
Spain

SOURCE: Bioorganic & Medicinal Chemistry Letters (2003),
13(16), 2719-2725

CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 139:292184

IT 452313-36-9P 452313-43-8P 452313-54-1P

452313-56-3P 452313-77-8P 452314-18-0P

452316-09-5P 452316-15-3P 452316-21-1P

452316-33-5P 452316-36-8P 452316-66-4P

452316-84-6P 452318-20-6P 452318-24-0P

452318-26-2P 452318-93-3P 452318-95-5P

452318-97-7P 452319-25-4P 452319-35-6P

452320-01-3P 608146-10-7P 608146-11-8P

608146-12-9P 608146-13-0P

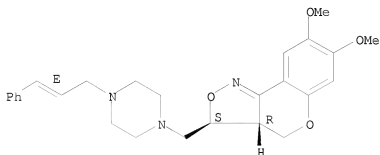
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation)

(preparation of dihydro[1]benzopyrano[4,3-c]isoxazoles and their activity as
5-HT uptake inhibitors and α 2-adrenoceptor antagonists (potential
antidepressants))

RN 452313-36-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

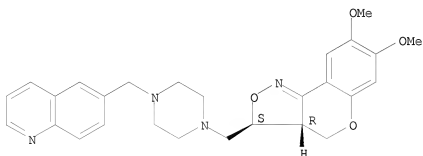
Relative stereochemistry.
Double bond geometry as shown.



RN 452313-43-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(6-quinolinylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

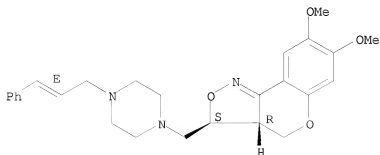
Relative stereochemistry.



RN 452313-54-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.

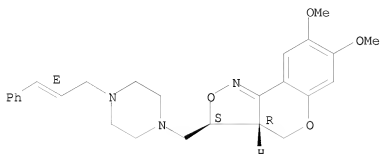


RN 452313-56-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-

3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

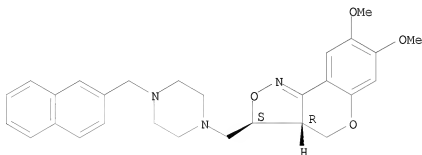
Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452313-77-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

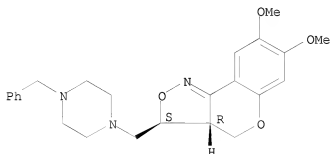
Relative stereochemistry.



RN 452314-18-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(phenylmethyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

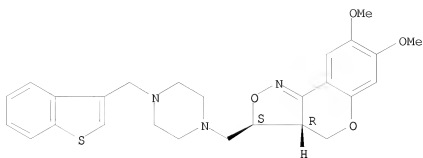
Relative stereochemistry.



RN 452316-09-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(benzo[b]thien-3-ylmethyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

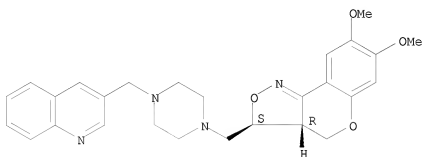
Relative stereochemistry.



RN 452316-15-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-quinolinylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

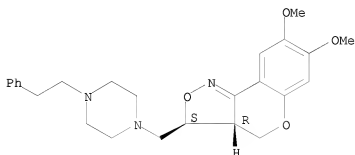
Relative stereochemistry.



RN 452316-21-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-phenylethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

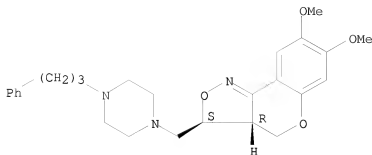
Relative stereochemistry.



RN 452316-33-5 CAPLUS

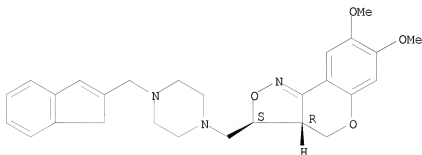
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenylpropyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



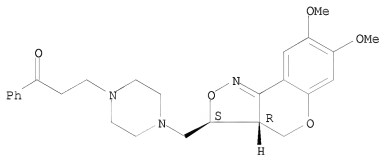
RN 452316-36-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(1H-inden-2-ylmethyl)-1-piperazinyl]methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



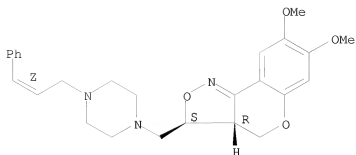
RN 452316-66-4 CAPLUS
 CN 1-Propanone, 3-[4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-phenyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452316-84-6 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2Z)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

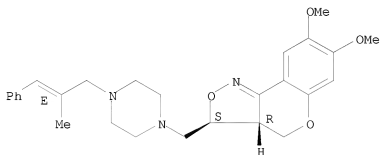
Relative stereochemistry.
 Double bond geometry as shown.



RN 452318-20-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)-
(CA INDEX NAME)

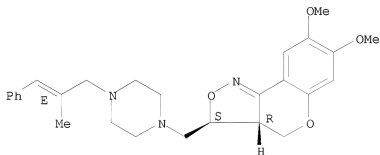
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452318-24-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3S,3aR)-rel-(-)-
(CA INDEX NAME)

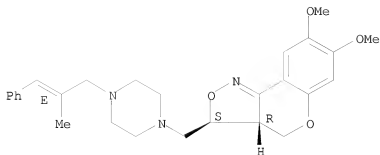
Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452318-26-2 CAPLUS

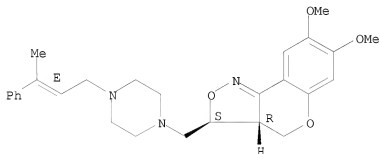
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



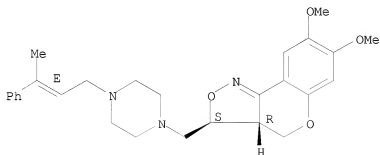
RN 452318-93-3 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 452318-95-5 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

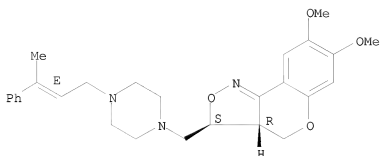
Rotation (+). Absolute stereochemistry unknown.
 Double bond geometry as shown.



RN 452318-97-7 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.

Double bond geometry as shown.

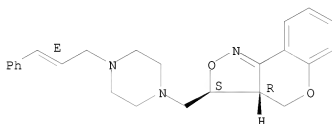


RN 452319-25-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

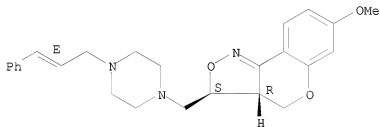


RN 452319-35-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

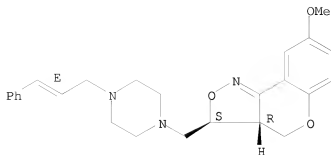


RN 452320-01-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

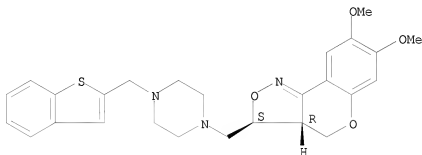
Relative stereochemistry.

Double bond geometry as shown.



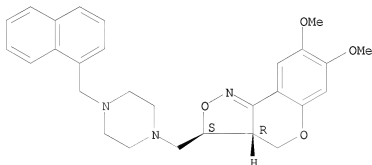
RN 608146-10-7 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(benzo[b]thien-2-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



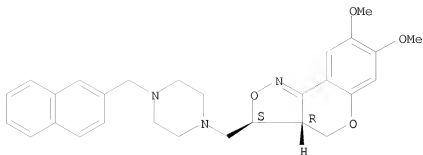
RN 608146-11-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(1-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 608146-12-9 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

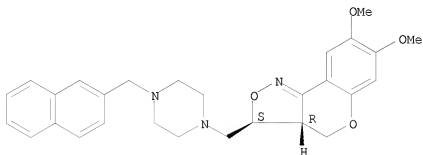
Rotation (-). Absolute stereochemistry unknown.



RN 608146-13-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.



IT 452321-82-3P 452321-89-0P 608146-03-8P

608146-04-9P 608146-05-0P 608146-06-1P

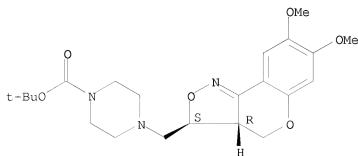
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of dihydro[1]benzopyrano[4,3-c]isoxazoles and their activity as 5-HT uptake inhibitors and α 2-adrenoceptor antagonists (potential antidepressants))

RN 452321-82-3 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-, 1,1-dimethylethyl ester, rel- (CA INDEX NAME)

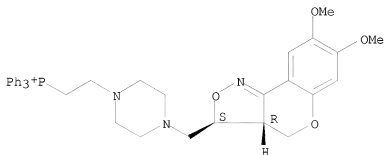
Relative stereochemistry.



RN 452321-89-0 CAPLUS

CN Phosphonium, [2-[4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]ethyl]triphenyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.

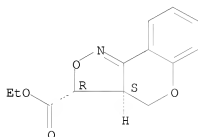


● Br⁻

RN 608146-03-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-, ethyl ester, (3R,3aS)-rel- (CA INDEX NAME)

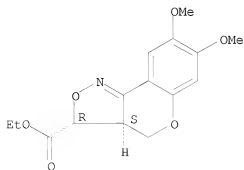
Relative stereochemistry.



RN 608146-04-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-7,8-dimethoxy-, ethyl ester, (3R,3aS)-rel- (CA INDEX NAME)

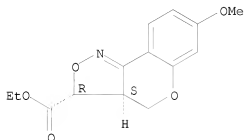
Relative stereochemistry.



RN 608146-05-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-7-methoxy-, ethyl ester, (3R,3aS)-rel- (CA INDEX NAME)

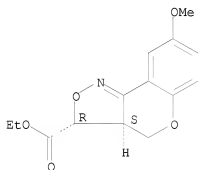
Relative stereochemistry.



RN 608146-06-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-8-methoxy-, ethyl ester, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:658130 CAPLUS

DOCUMENT NUMBER: 137:201298

TITLE: Preparation of substituted isoxazolines as anti-depressants

INVENTOR(S): Andres-Gil, Jose Ignacio; Fernandez-Gadea, Francisco Javier; Alcazar-Vaca, Manuel Jesus; Cid-Nunez, Jose Maria; Pastor-Fernandez, Joaquin; Megens, Antonius Adrianus Hendrikus Petrus; Heylen, Godelieve Irma Christine Maria; Langlois, Xavier Jean Michel; Bakker, Margaretha Henrica Maria; Steckler, Thomas Horst Wolfgang

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: PCI Int. Appl., 100 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002066484 A1 20020829 WO 2002-EP1567 20020213
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
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CA 2437505 A1 20020829 CA 2002-2437505 20020213
AU 2002244717 A1 20020904 AU 2002-244717 20020213
AU 2002244717 B2 20070719
EP 1368358 A1 20031210 EP 2002-712909 20020213
EP 1368358 B1 20060823
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
EE 200300398 A 20031215 EE 2003-398 20020213
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NO 2003003700 A 20031021 NO 2003-3700 20030820
ZA 2003006487 A 20041122 ZA 2003-6487 20030820
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US 7169786 B2 20070130

PRIORITY APPLN. INFO.:

EP 2001-200611 A 20010221
EP 2001-201264 A 20010405
WO 2002-EP1567 W 20020213

OTHER SOURCE(S): MARPAT 137:201298

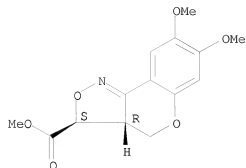
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452321-99-2P 452322-05-3P 452322-19-9P
452322-21-3P 452322-29-1P 452322-30-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)

RN 452321-67-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-7,8-dimethoxy-, methyl ester, (3R,3aS)-rel- (CA INDEX NAME)

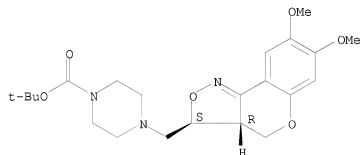
Relative stereochemistry.



RN 452321-82-3 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-, 1,1-dimethylethyl ester, rel- (CA INDEX NAME)

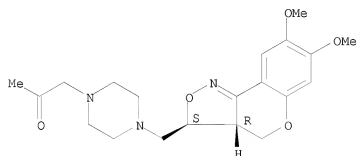
Relative stereochemistry.



RN 452321-85-6 CAPLUS

CN 2-Propanone, 1-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-, rel- (CA INDEX NAME)

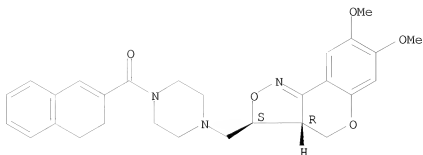
Relative stereochemistry.



RN 452321-87-8 CAPLUS

CN Methanone, [4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl](3,4-dihydro-2-naphthalenyl)-, rel- (CA INDEX NAME)

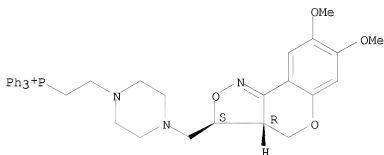
Relative stereochemistry.



RN 452321-89-0 CAPLUS

CN Phosphonium, [2-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]ethyl]triphenyl-, bromide (1:1), rel- (CA INDEX NAME)

Relative stereochemistry.



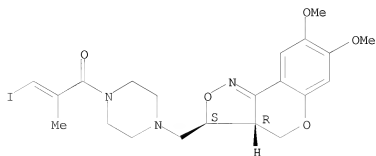
● Br⁻

RN 452321-91-4 CAPLUS

CN 2-Propen-1-one, 1-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-3-iodo-2-methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

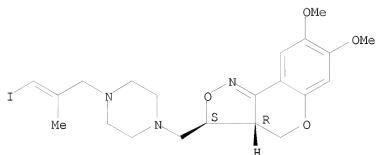
Double bond geometry unknown.



RN 452321-93-6 CAPLUS

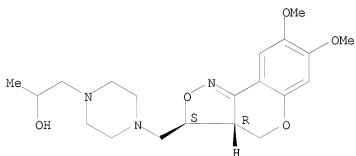
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(3-iodo-2-methyl-2-propen-1-yl)-1-piperazinyl]methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



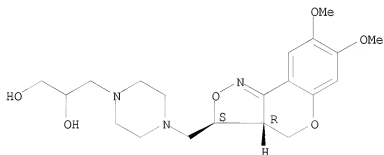
RN 452321-95-8 CAPLUS
CN 1-Piperazineethanol, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]- α -methyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



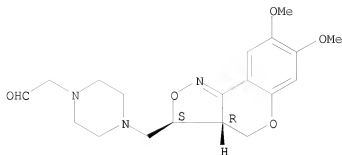
RN 452321-97-0 CAPLUS
CN 1,2-Propanediol, 3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452321-99-2 CAPLUS
CN 1-Piperazineacetaldehyde, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-, rel- (CA INDEX NAME)

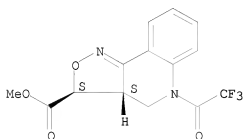
Relative stereochemistry.



RN 452322-05-3 CAPLUS

CN Isoxazolo[4,3-c]quinoline-3-carboxylic acid, 3,3a,4,5-tetrahydro-5-(2,2,2-trifluoroacetyl)-, methyl ester, (3R,3aR)-rel- (CA INDEX NAME)

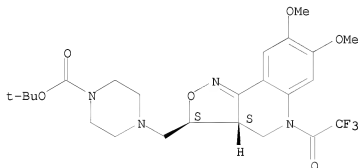
Relative stereochemistry.



RN 452322-19-9 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aR)-3,3a,4,5-tetrahydro-7,8-dimethoxy-5-(2,2,2-trifluoroacetyl)isoxazolo[4,3-c]quinolin-3-yl)methyl]-, 1,1-dimethylethyl ester, rel- (CA INDEX NAME)

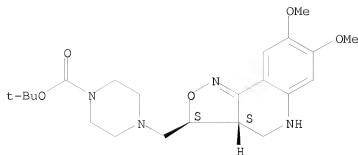
Relative stereochemistry.



RN 452322-21-3 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aR)-3,3a,4,5-tetrahydro-7,8-dimethoxyisoxazolo[4,3-c]quinolin-3-yl)methyl]-, 1,1-dimethylethyl ester, rel- (CA INDEX NAME)

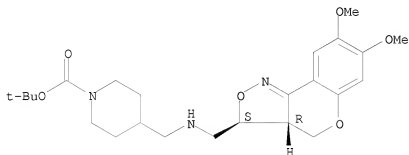
Relative stereochemistry.



RN 452322-29-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]amino]methyl]-, 1,1-dimethylethyl ester, rel- (CA INDEX NAME)

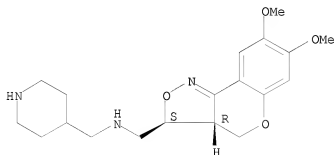
Relative stereochemistry.



RN 452322-30-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanamine, 3a,4-dihydro-7,8-dimethoxy-N-(4-piperidinylmethyl)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



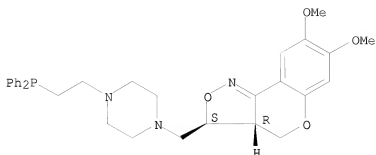
IT 452323-46-5D, resin bound

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)

RN 452323-46-5 CAPLUS

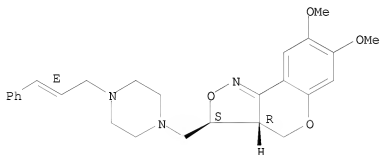
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[[4-[2-(diphenylphosphino)ethyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT 452313-32-5P 452313-68-7P 452313-71-2P
 452313-80-3P 452313-82-5P 452316-78-8P
 RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN
 (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study);
 PREP (Preparation); USES (Uses)
 (target compound; preparation and pharmaceutical activity of substituted
 isoxazolines as anti-depressants)
 RN 452313-32-5 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-
 3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2),
 (3R,3aS)-rel-(+)- (CA INDEX NAME)

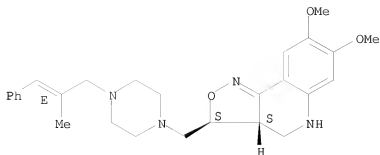
Rotation (+). Absolute stereochemistry unknown.
 Double bond geometry as shown.



● 2 HCl

RN 452313-68-7 CAPLUS
 CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-
 methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel-(+)-
 (CA INDEX NAME)

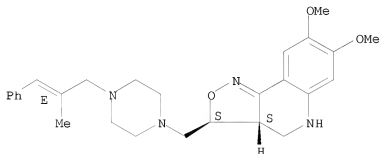
Rotation (+). Absolute stereochemistry unknown.
 Double bond geometry as shown.



RN 452313-71-2 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3S,3aS)-rel-(-)- (CA INDEX NAME)

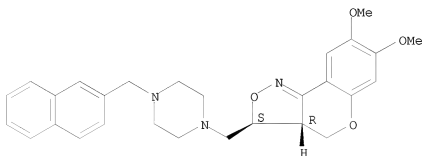
Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452313-80-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.



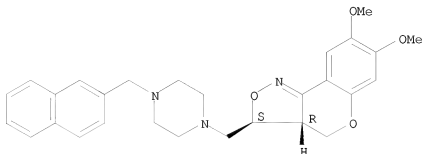
● 2 HCl

RN 452313-82-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, hydrochloride (1:2),

(3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.



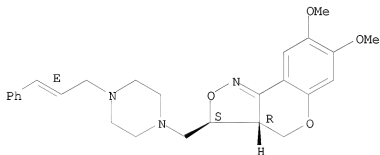
● 2 HCl

RN 452316-78-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.

Double bond geometry as shown.



● 2 HCl

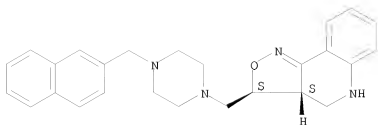
IT 452313-59-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(target compound; preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)

RN 452313-59-6 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-(2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.



IT 452313-36-9P 452313-40-5P 452313-43-8P
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 452318-04-6P 452318-07-9P 452318-09-1P
 452318-11-5P 452318-13-7P 452318-15-9P
 452318-18-2P 452318-20-6P 452318-22-8P
 452318-24-0P 452318-27-3P 452318-30-8P
 452318-32-0P 452318-34-2P 452318-36-4P
 452318-38-6P 452318-41-1P 452318-43-3P
 452318-45-5P 452318-47-7P 452318-49-9P
 452318-52-4P 452318-54-6P 452318-57-9P
 452318-60-4P 452318-63-7P 452318-65-9P
 452318-67-1P 452318-69-3P 452318-71-7P
 452318-73-9P 452318-75-1P 452318-77-3P
 452318-79-5P 452318-81-9P 452318-83-1P
 452318-85-3P 452318-87-5P 452318-89-7P
 452318-91-1P 452318-93-3P 452318-95-5P
 452318-97-7P 452318-99-9P 452319-01-6P
 452319-03-8P 452319-05-0P 452319-07-2P
 452319-09-4P 452319-11-8P 452319-13-0P
 452319-15-2P 452319-17-4P 452319-20-9P
 452319-22-1P 452319-24-3P 452319-25-4P
 452319-27-6P 452319-29-8P 452319-31-2P
 452319-33-4P 452319-35-6P 452319-37-8P
 452319-39-0P 452319-41-4P 452319-43-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

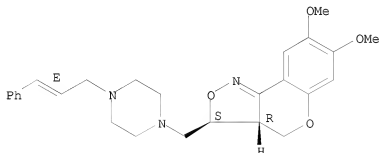
(target compound; preparation and pharmaceutical activity of substituted
 isoxazolines as anti-depressants)

RN 452313-36-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-
 3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX
 NAME)

Relative stereochemistry.

Double bond geometry as shown.

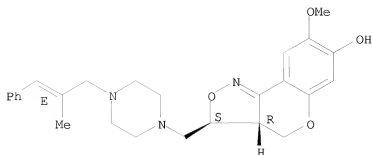


RN 452313-40-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-
 2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-
 (CA INDEX NAME)

Relative stereochemistry.

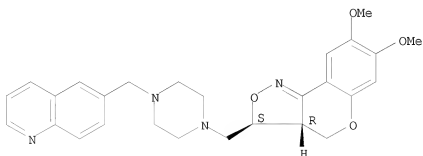
Double bond geometry as shown.



RN 452313-43-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(6-quinolinylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

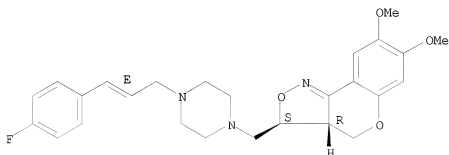


RN 452313-46-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.

Double bond geometry as shown.

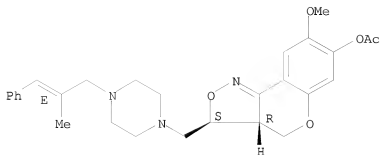


RN 452313-50-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, 7-acetate, (3R,3aS)-rel- (CA INDEX NAME)

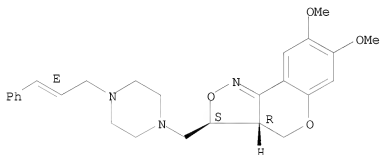
Relative stereochemistry.

Double bond geometry as shown.



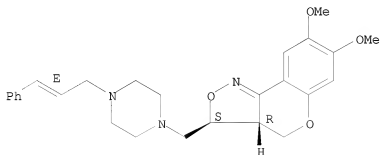
RN 452313-54-1 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
 Double bond geometry as shown.



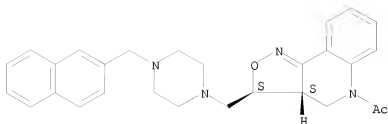
RN 452313-56-3 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
 Double bond geometry as shown.



RN 452313-61-0 CAPLUS
 CN Ethanone, 1-[(3R,3aR)-3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]isoxazolo[4,3-c]quinolin-5(3H)-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

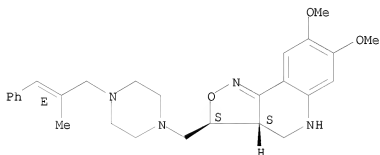


RN 452313-65-4 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

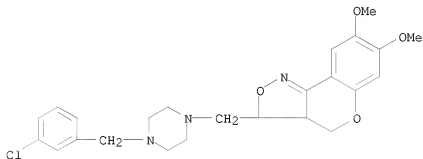
Relative stereochemistry.

Double bond geometry as shown.



RN 452313-74-5 CAPLUS

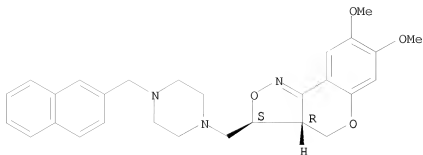
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3-chlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



RN 452313-77-8 CAPLUS

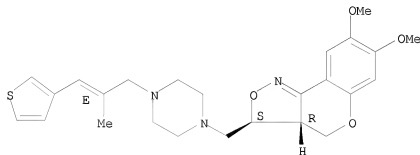
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



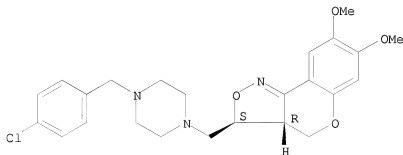
RN 452313-85-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(3-thienyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



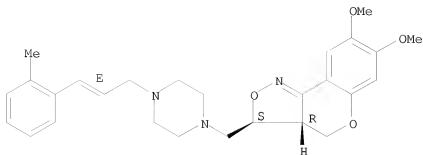
RN 452313-88-1 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-chlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



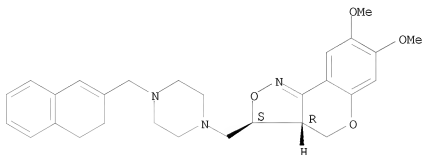
RN 452313-91-6 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methylphenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



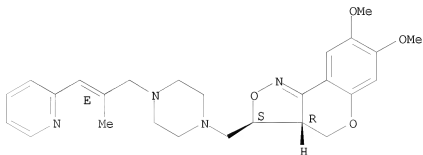
RN 452313-93-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3,4-dihydro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



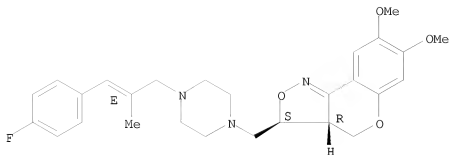
RN 452313-98-3 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(2-pyridinyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 452314-01-1 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

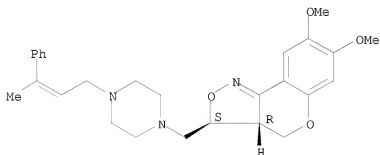
Rotation (+). Absolute stereochemistry unknown.
 Double bond geometry as shown.



RN 452314-05-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenyl-2-buten-1-yl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

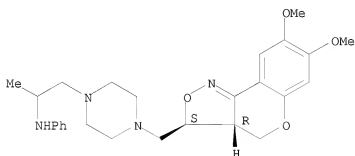
Relative stereochemistry.
Double bond geometry unknown.



RN 452314-08-8 CAPLUS

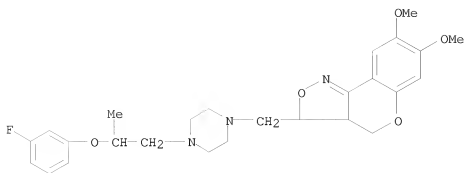
CN 1-Piperazineethanamine, 4-[[{(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl}-alpha-methyl-N-phenyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452314-11-3 CAPLUS

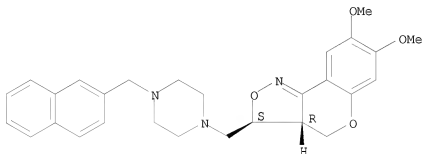
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[[4-[2-(3-fluorophenoxy)propyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



RN 452314-14-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

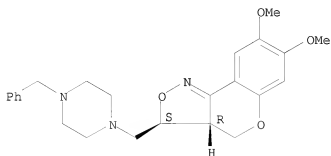


● 2 HCl

RN 452314-18-0 CAPLUS

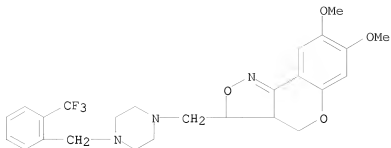
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(phenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



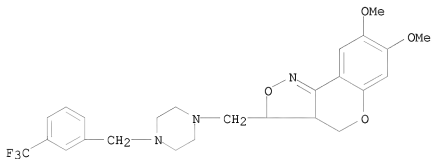
RN 452314-20-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-(trifluoromethyl)phenyl]methyl]-1-piperazinyl]methyl]- (CA INDEX NAME)



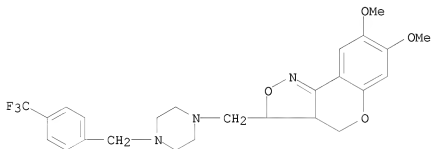
RN 452314-23-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[3-(trifluoromethyl)phenyl]methyl]-1-piperazinyl]methyl]- (CA INDEX NAME)



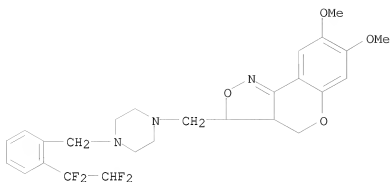
RN 452314-26-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[4-(trifluoromethyl)phenyl]methyl]-1-piperazinyl]methyl]- (CA INDEX NAME)



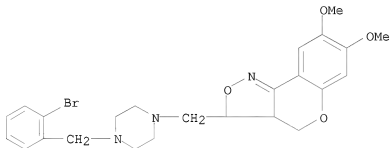
RN 452314-29-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-(1,1,2,2-tetrafluoroethyl)phenyl]methyl]-1-piperazinyl]methyl]- (CA INDEX NAME)



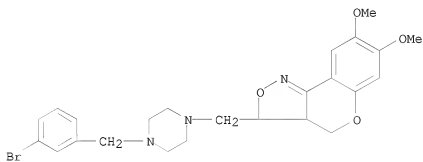
RN 452314-31-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2-bromophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



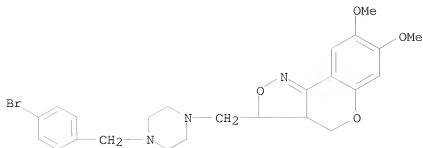
RN 452314-34-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3-bromophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



RN 452314-37-3 CAPLUS

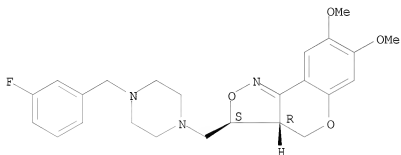
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-bromophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



RN 452314-40-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3-fluorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

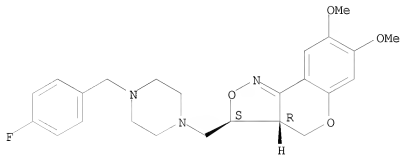
Relative stereochemistry.



RN 452314-43-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-fluorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

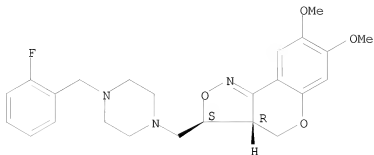


● 2 HCl

RN 452314-46-4 CAPLUS

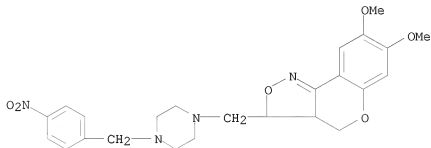
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2-fluorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



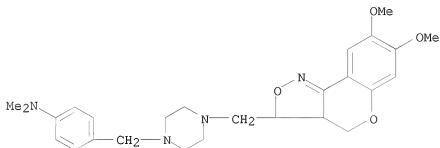
RN 452314-49-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(4-nitrophenyl)methyl]-1-piperazinyl]methyl]- (CA INDEX NAME)



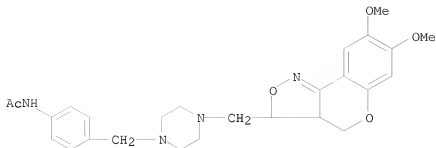
RN 452314-52-2 CAPLUS

CN Benzenamine, 4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]-N,N-dimethyl- (CA INDEX NAME)



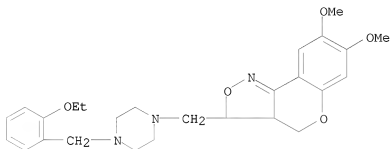
RN 452314-55-5 CAPLUS

CN Acetamide, N-[4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]phenyl]- (CA INDEX NAME)



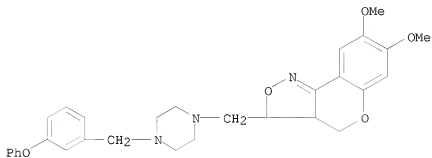
RN 452314-57-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2-ethoxyphenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



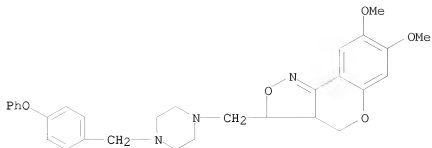
RN 452314-60-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-phenoxyphenyl)methyl]-1-piperazinyl]methyl]- (CA INDEX NAME)

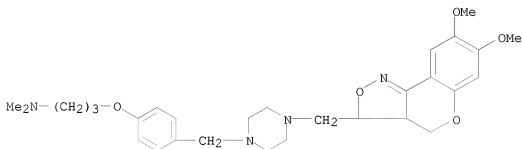


RN 452314-62-4 CAPLUS

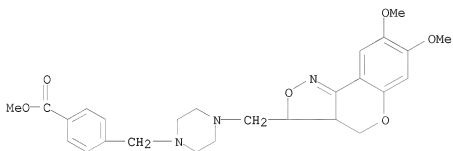
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(4-phenoxyphenyl)methyl]-1-piperazinyl]methyl]- (CA INDEX NAME)



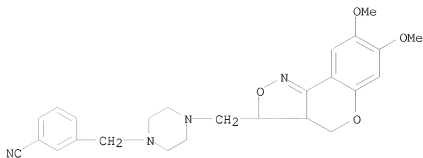
RN 452314-65-7 CAPLUS
 CN 1-Propanamine, 3-[[4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl)methyl]phenoxy]-N,N-dimethyl- (CA INDEX NAME)



RN 452314-68-0 CAPLUS
 CN Benzoic acid, 4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl)methyl]-, methyl ester (CA INDEX NAME)

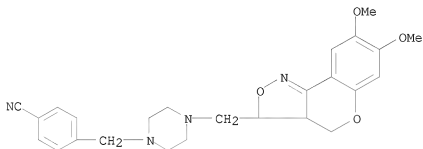


RN 452314-71-5 CAPLUS
 CN Benzonitrile, 3-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl)methyl]- (CA INDEX NAME)



RN 452314-74-8 CAPLUS

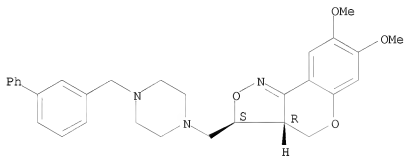
CN Benzonitrile, 4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl)methyl]- (CA INDEX NAME)



RN 452314-77-1 CAPLUS

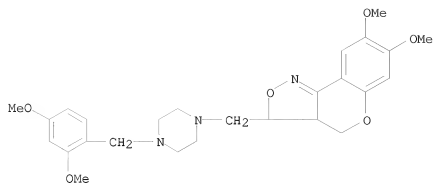
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-([1,1'-biphenyl]-3-ylmethyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



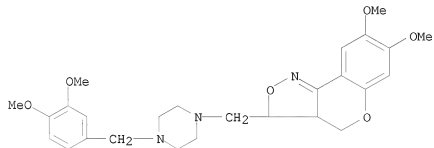
RN 452314-80-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2,4-dimethoxyphenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



RN 452314-83-9 CAPLUS

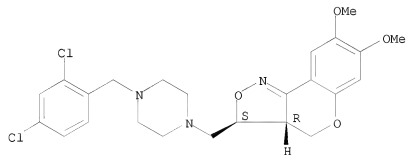
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3,4-dimethoxyphenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



RN 452314-86-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2,4-dichlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

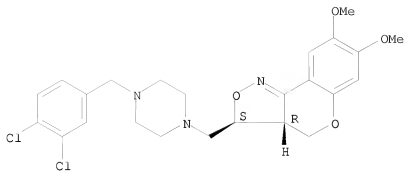
Relative stereochemistry.



RN 452314-89-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3,4-dichlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

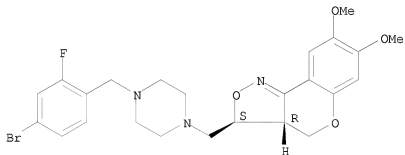
Relative stereochemistry.



RN 452314-92-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-bromo-2-fluorophenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

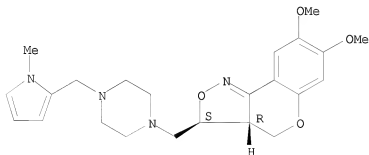
Relative stereochemistry.



RN 452314-95-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(1-methyl-1H-pyrrol-2-yl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

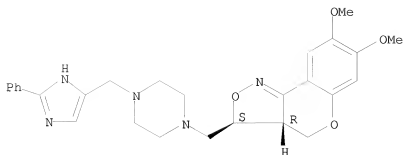
Relative stereochemistry.



RN 452314-98-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

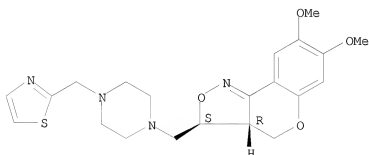
Relative stereochemistry.



RN 452315-01-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-thiazolylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

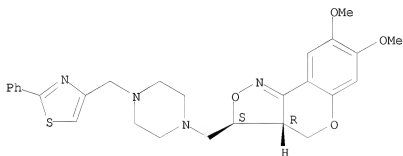
Relative stereochemistry.



RN 452315-04-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2-phenyl-4-thiazolyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

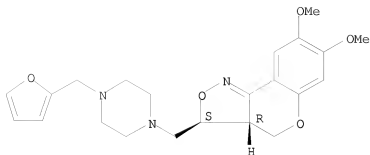
Relative stereochemistry.



RN 452315-07-0 CAPLUS

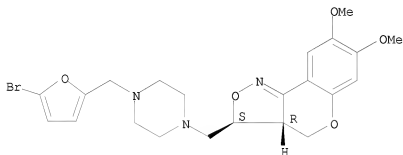
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-furanylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



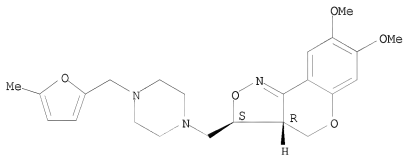
RN 452315-10-5 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5-bromo-2-furanyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



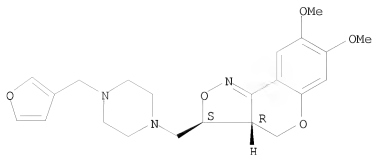
RN 452315-13-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(5-methyl-2-furanyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452315-16-1 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(3-furanylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

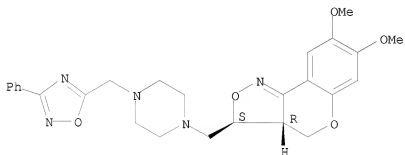
Relative stereochemistry.



RN 452315-19-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-phenyl-1,2,4-oxadiazol-5-yl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

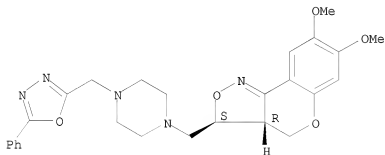
Relative stereochemistry.



RN 452315-22-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(5-phenyl-1,3,4-oxadiazol-2-yl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

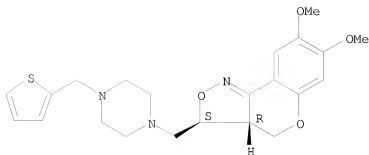
Relative stereochemistry.



RN 452315-24-1 CAPLUS

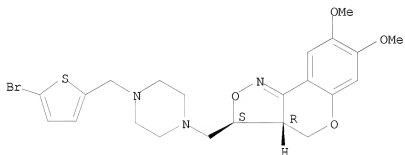
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-thienylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



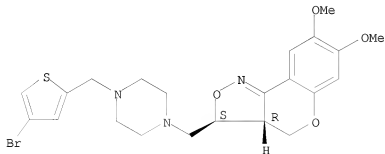
RN 452315-27-4 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5-bromo-2-thienyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



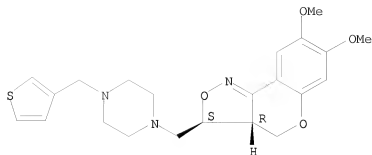
RN 452315-30-9 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-bromo-2-thienyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452315-33-2 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-thienylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

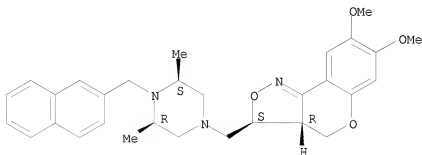
Relative stereochemistry.



RN 452315-36-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[[(3R,5S)-3,5-dimethyl-4-(2-naphthalenylmethyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

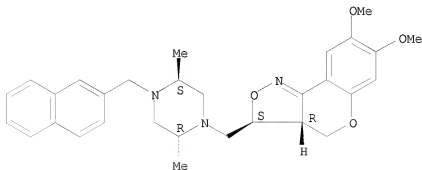
Relative stereochemistry.



RN 452315-38-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[[(2R,5S)-2,5-dimethyl-4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3S,3aR)-rel- (CA INDEX NAME)

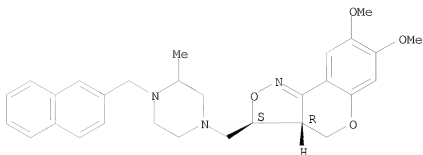
Relative stereochemistry.



RN 452315-40-1 CAPLUS

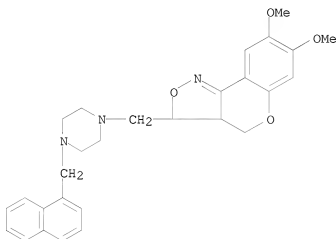
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[3-methyl-4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452315-42-3 CAPLUS

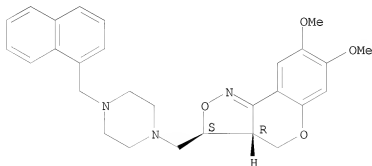
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(1-naphthalenylmethyl)-1-piperazinyl]methyl]- (CA INDEX NAME)



RN 452315-44-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(1-naphthalenylmethyl)-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

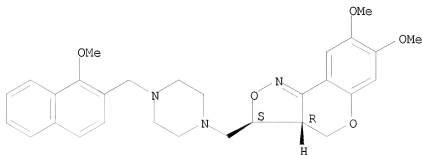
Relative stereochemistry.



RN 452315-46-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(1-methoxy-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

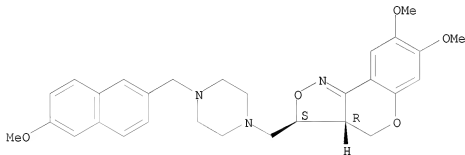
Relative stereochemistry.



RN 452315-48-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(6-methoxy-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

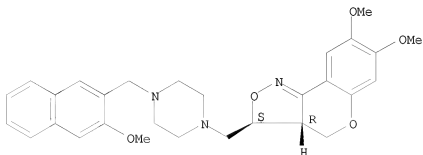
Relative stereochemistry.



RN 452315-51-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-methoxy-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

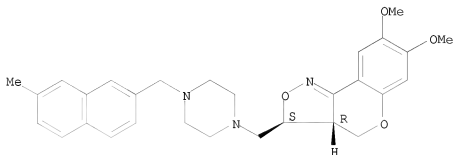


RN 452315-52-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(7-

methyl-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA
INDEX NAME)

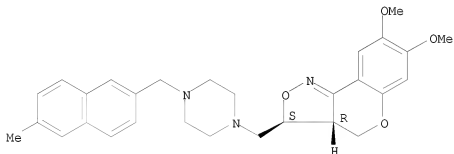
Relative stereochemistry.



RN 452315-55-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(6-methyl-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA
INDEX NAME)

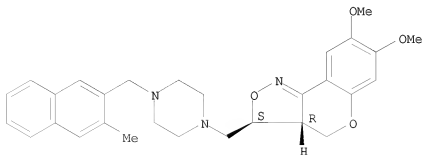
Relative stereochemistry.



RN 452315-58-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-methyl-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA
INDEX NAME)

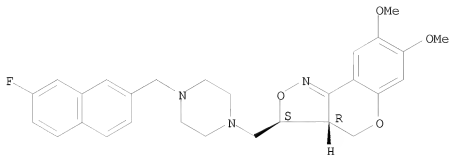
Relative stereochemistry.



RN 452315-61-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(7-fluoro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA
INDEX NAME)

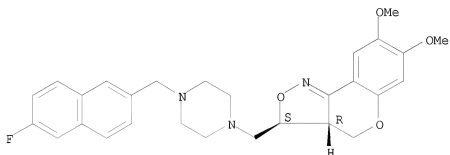
Relative stereochemistry.



RN 452315-63-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(6-fluoro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

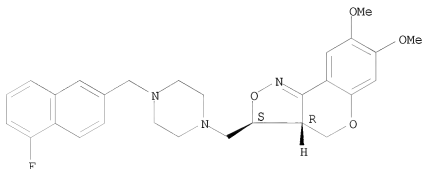
Relative stereochemistry.



RN 452315-66-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5-fluoro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

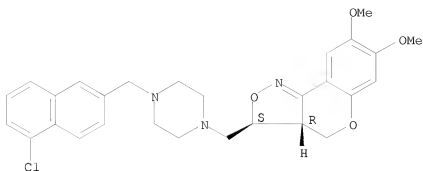
Relative stereochemistry.



RN 452315-70-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5-chloro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

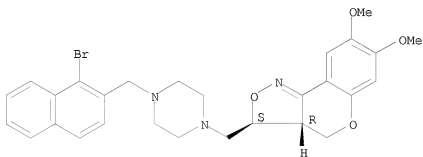
Relative stereochemistry.



RN 452315-73-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(1-bromo-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

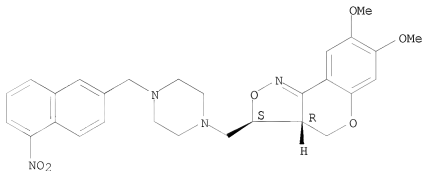
Relative stereochemistry.



RN 452315-76-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(5-nitro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

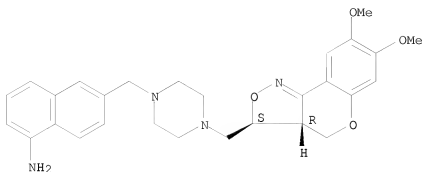
Relative stereochemistry.



RN 452315-79-6 CAPLUS

CN 1-Naphthalenamine, 6-[[[4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]methyl]-, rel- (CA INDEX NAME)

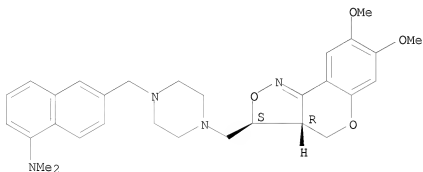
Relative stereochemistry.



RN 452315-82-1 CAPLUS

CN 1-Naphthalenamine, 6-[[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]-N,N-dimethyl-, rel- (CA INDEX NAME)

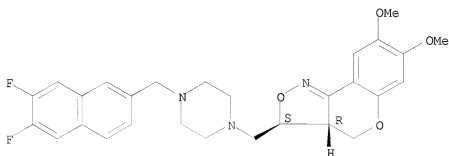
Relative stereochemistry.



RN 452315-85-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(6,7-difluoro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

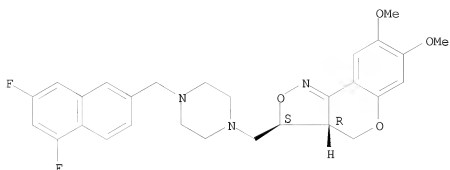
Relative stereochemistry.



RN 452315-87-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5,7-difluoro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

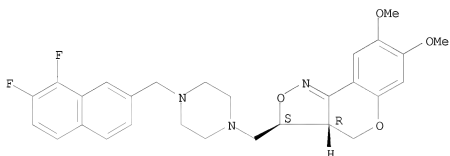
Relative stereochemistry.



RN 452315-90-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(7,8-difluoro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

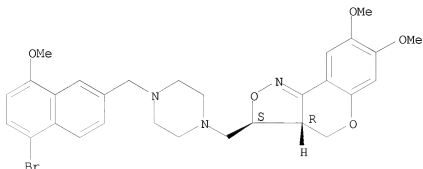
Relative stereochemistry.



RN 452315-92-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5-bromo-8-methoxy-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

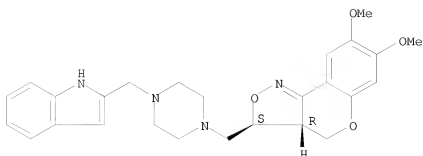
Relative stereochemistry.



RN 452315-94-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(1H-indol-2-ylmethyl)-1-piperazinyl]methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

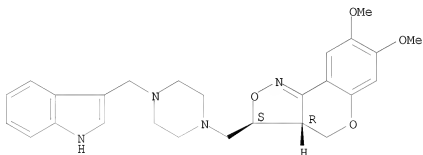
Relative stereochemistry.



RN 452315-97-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(1H-indol-3-ylmethyl)-1-piperazinyl]methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

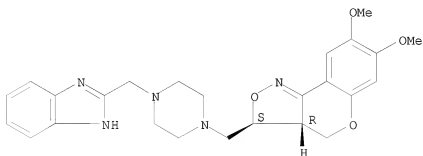
Relative stereochemistry.



RN 452316-00-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(1H-benzimidazol-2-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



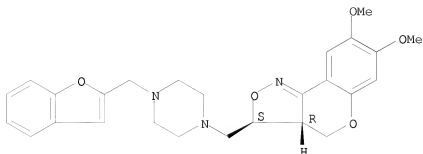
● 2 HCl

RN 452316-03-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-benzofuranylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, hydrochloride (1:2),

(3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

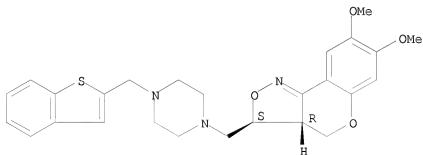


● 2 HCl

RN 452316-06-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(benzo[b]thien-2-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

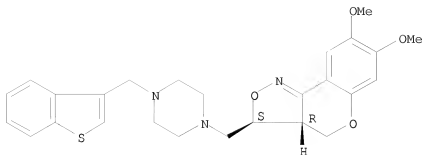


● 2 HCl

RN 452316-09-5 CAPLUS

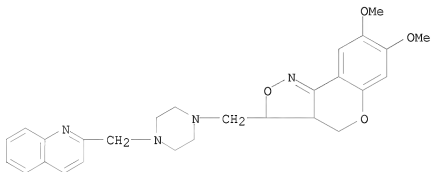
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(benzo[b]thien-3-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452316-12-0 CAPLUS

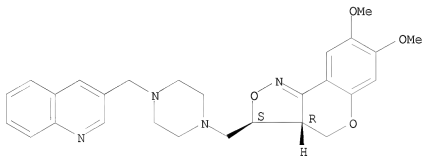
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-quinolinylmethyl)-1-piperazinyl]methyl]- (CA INDEX NAME)



RN 452316-15-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-quinolinylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

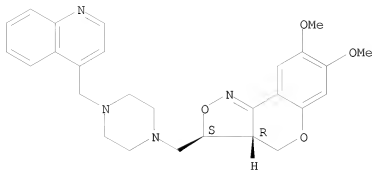
Relative stereochemistry.



RN 452316-18-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(4-quinolinylmethyl)-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

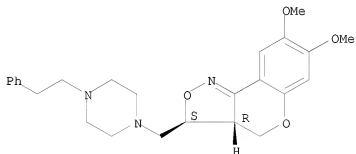


●2 HCl

RN 452316-21-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-phenylethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

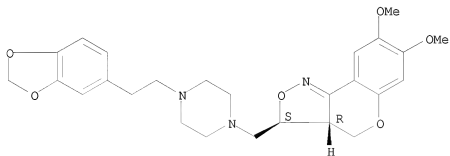
Relative stereochemistry.



RN 452316-24-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(1,3-benzodioxol-5-yl)ethyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

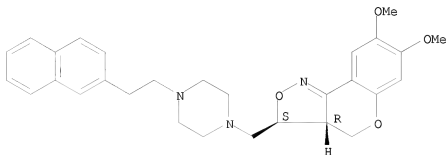


●2 HCl

RN 452316-27-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[2-(2-naphthalenyl)ethyl]-1-piperazinyl)methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

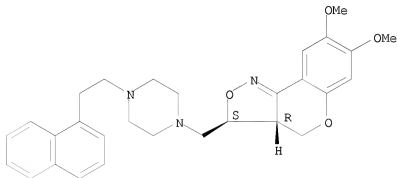


● 2 HCl

RN 452316-30-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[2-(1-naphthalenyl)ethyl]-1-piperazinyl)methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

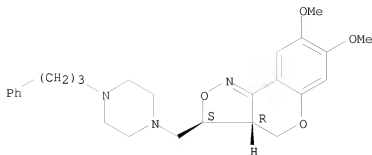


● 2 HCl

RN 452316-33-5 CAPLUS

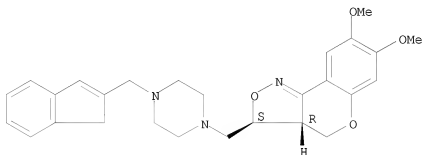
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenylpropyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



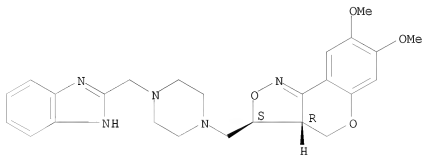
RN 452316-36-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(1H-inden-2-ylmethyl)-1-piperazinyl]methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



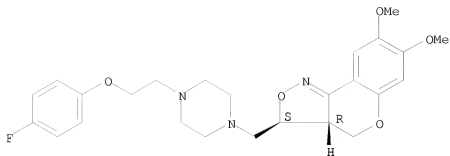
RN 452316-39-1 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(1H-benzimidazol-2-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452316-42-6 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(4-fluorophenoxy)ethyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

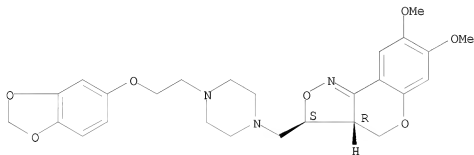


●2 HCl

RN 452316-45-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(1,3-benzodioxol-5-yloxy)ethyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

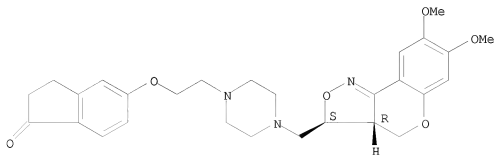
Relative stereochemistry.



RN 452316-48-2 CAPLUS

CN 1H-Inden-1-one, 5-[2-[4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]ethoxy]-2,3-dihydro-, rel- (CA INDEX NAME)

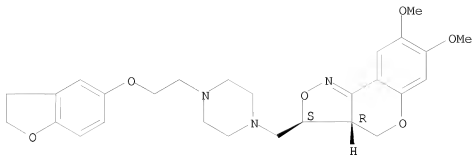
Relative stereochemistry.



RN 452316-51-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-[(2,3-dihydro-5-benzofuranyl)oxy]ethyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

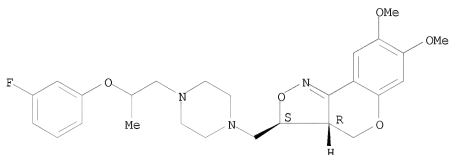
Relative stereochemistry.



RN 452316-53-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(3-fluorophenoxy)propyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

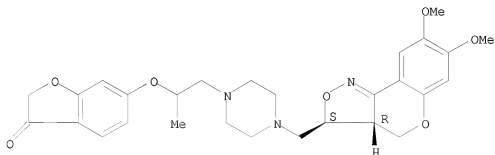
Relative stereochemistry.



RN 452316-55-1 CAPLUS

CN 3(2H)-Benzofuranone, 6-[2-[4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-methylethoxy]-, rel- (CA INDEX NAME)

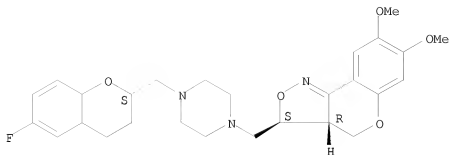
Relative stereochemistry.



RN 452316-58-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(3-fluorophenoxy)propyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

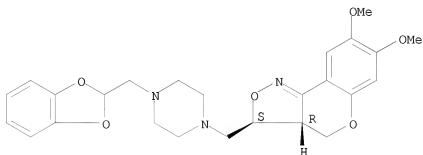
Relative stereochemistry.



RN 452316-64-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(1,3-benzodioxol-2-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

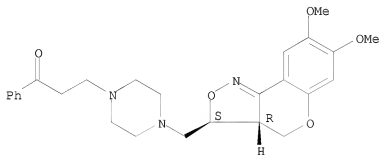
Relative stereochemistry.



RN 452316-66-4 CAPLUS

CN 1-Propanone, 3-[4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-phenyl-, rel- (CA INDEX NAME)

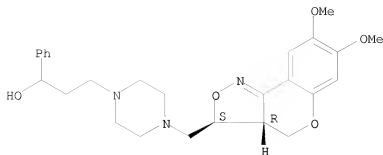
Relative stereochemistry.



RN 452316-69-7 CAPLUS

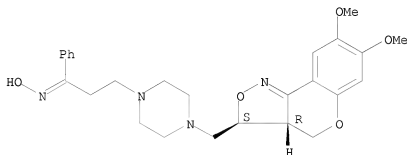
CN 1-Piperazinepropanol, 4-[[4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-alpha-phenyl-, rel- (CA INDEX NAME)

Relative stereochemistry.



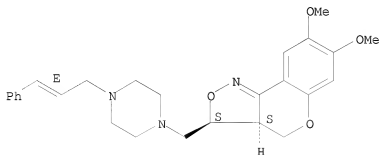
RN 452316-72-2 CAPLUS
 CN 1-Propanone, 3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-phenyl-, oxime, rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry unknown.



RN 452316-75-5 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

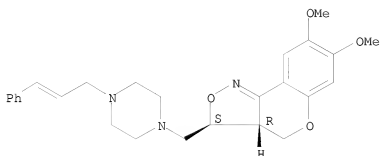
Relative stereochemistry.
 Double bond geometry as shown.



RN 452316-81-3 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenyl-2-propen-1-yl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

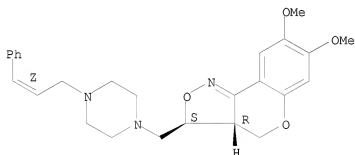


RN 452316-84-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2Z)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

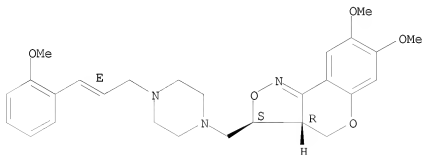


RN 452316-87-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methoxyphenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

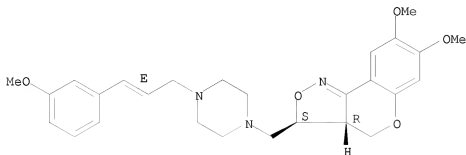


● 2 HCl

RN 452316-89-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-methoxyphenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

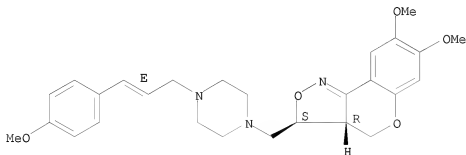


● 2 HCl

RN 452316-91-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(4-methoxyphenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

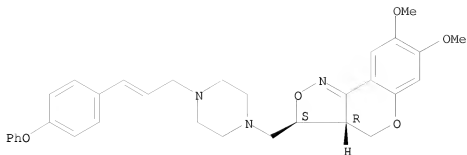


● 2 HCl

RN 452316-93-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(4-phenoxyphenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

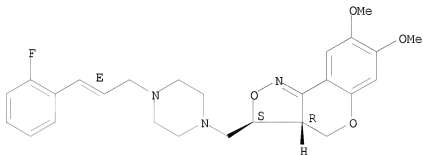


RN 452316-95-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

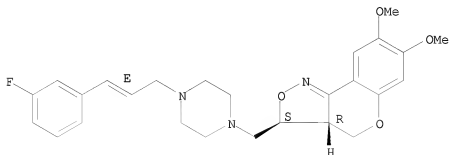


RN 452316-97-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

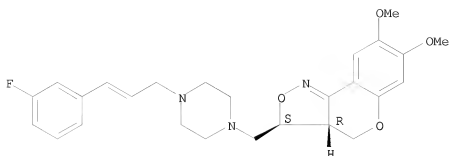


RN 452316-99-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

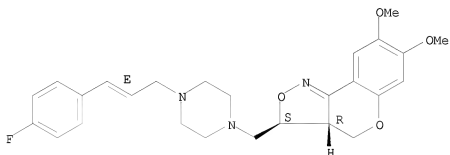


RN 452317-02-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



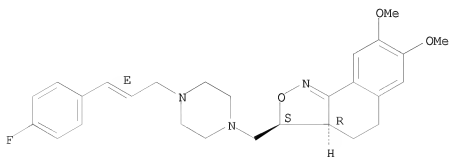
● 2 HCl

RN 452317-04-3 CAPLUS

CN Naphth[1,2-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.

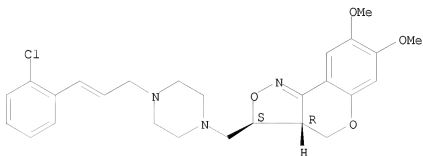
Double bond geometry as shown.



RN 452317-06-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-chlorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

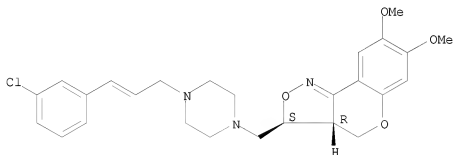
Relative stereochemistry.
Double bond geometry unknown.



RN 452317-08-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3-chlorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

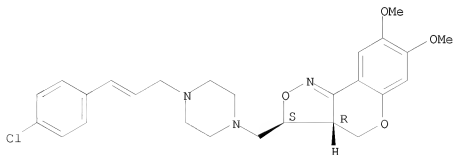
Relative stereochemistry.
Double bond geometry unknown.



RN 452317-10-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-chlorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

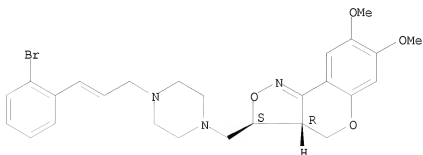


RN 452317-12-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-bromophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

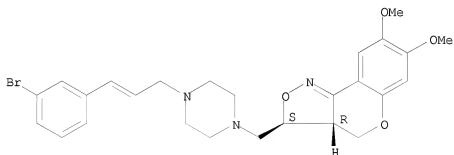


RN 452317-14-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3-bromophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

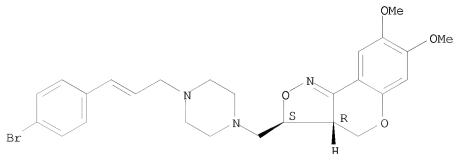


RN 452317-16-7 CAPLUS

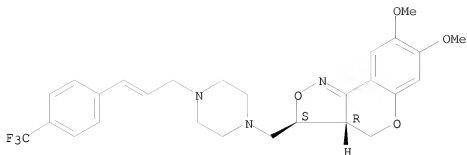
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-bromophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.



Relative stereochemistry.
Double bond geometry unknown.

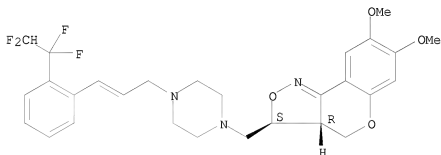


RN 452317-24-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-[2-(1,1,2,2-tetrafluoroethyl)phenyl]-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

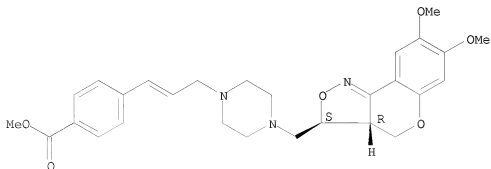


RN 452317-26-9 CAPLUS

CN Benzoic acid, 4-[3-[4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-propen-1-yl]-, methyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

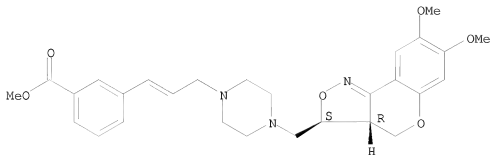
Double bond geometry unknown.



RN 452317-28-1 CAPLUS

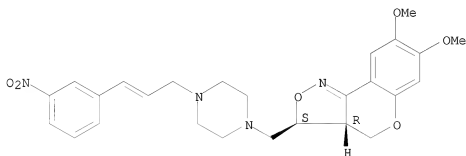
CN Benzoic acid, 3-[3-[4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-propen-1-yl]-, methyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



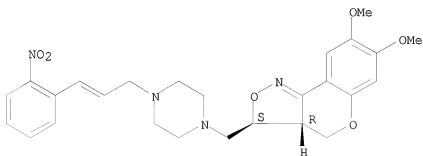
RN 452317-30-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-nitrophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



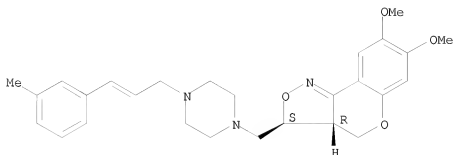
RN 452317-32-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(2-nitrophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



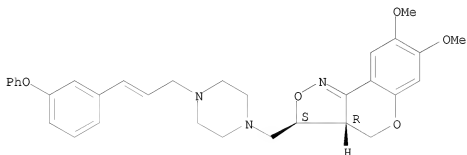
RN 452317-34-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-methylphenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



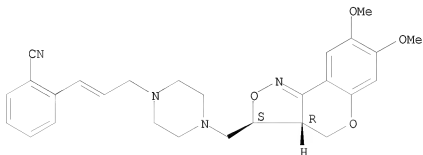
RN 452317-36-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-phenoxyphenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-38-3 CAPLUS
CN Benzonitrile, 2-[3-[4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-propen-1-yl]-, rel- (CA INDEX NAME)

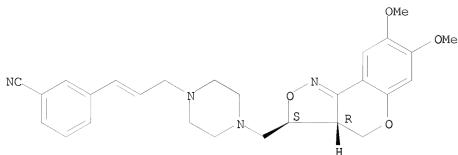
Relative stereochemistry.
Double bond geometry unknown.



RN 452317-40-7 CAPLUS
CN Benzonitrile, 3-[3-[4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-propen-1-yl]-, rel- (CA INDEX NAME)

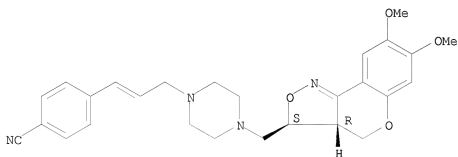
rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



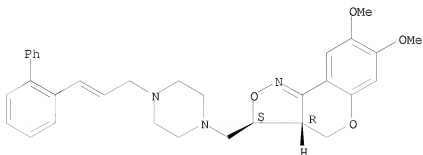
RN 452317-42-9 CAPLUS
CN Benzonitrile, 4-[3-[4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-propen-1-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



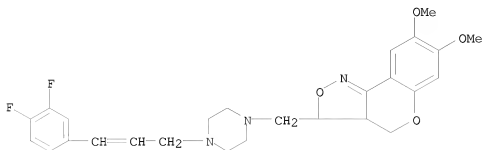
RN 452317-44-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(3-[1,1'-biphenyl]-2-yl-2-propen-1-yl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



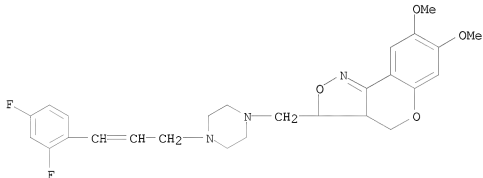
RN 452317-46-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3,4-difluorophenyl)-2-propen-

1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



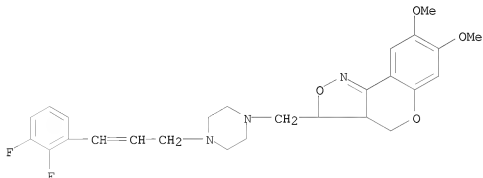
RN 452317-48-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,4-difluorophenyl)-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



RN 452317-50-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,3-difluorophenyl)-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)

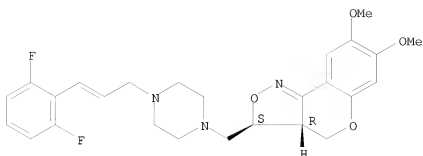


RN 452317-52-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,6-difluorophenyl)-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

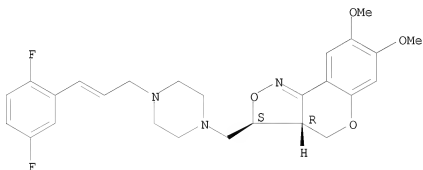


RN 452317-54-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,5-difluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

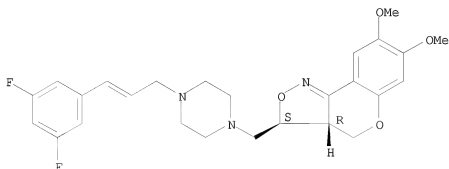


RN 452317-56-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3,5-difluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

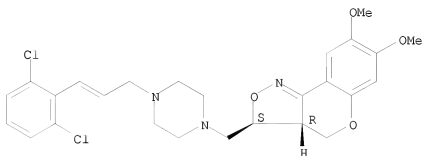


RN 452317-58-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,6-dichlorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-

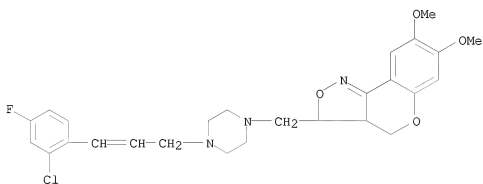
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-60-1 CAPLUS

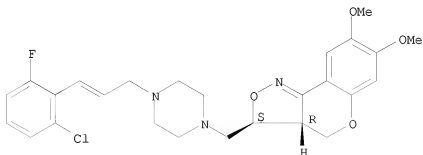
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-chloro-4-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



RN 452317-64-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-chloro-6-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

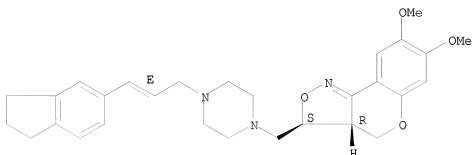


RN 452317-67-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2E)-3-(2,3-dihydro-1H-inden-5-

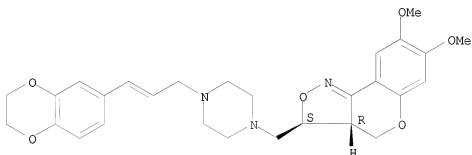
yl)-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-,
(3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



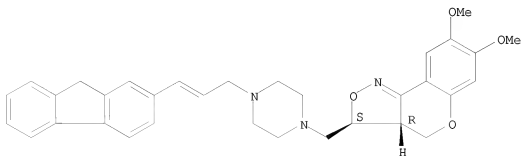
RN 452317-69-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,3-dihydro-1,4-benzodioxin-6-yl)-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-,
(3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452317-71-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(9H-fluoren-2-yl)-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

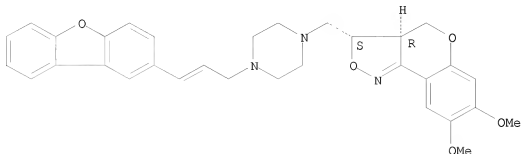
Relative stereochemistry.
Double bond geometry unknown.



RN 452317-73-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-dibenzofuranyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

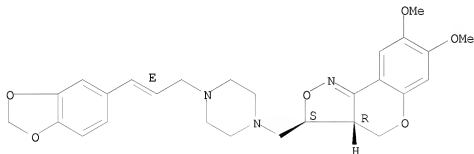
Relative stereochemistry.
Double bond geometry unknown.



RN 452317-76-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(1,3-benzodioxol-5-yl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

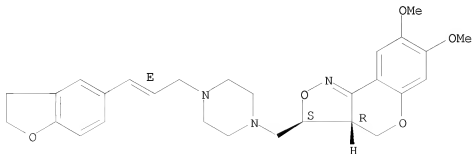
Relative stereochemistry.
Double bond geometry as shown.



RN 452317-79-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,3-dihydro-5-benzofuranyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

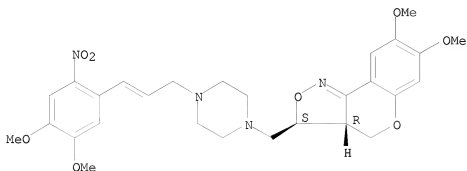


RN 452317-82-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4,5-dimethoxy-2-nitrophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

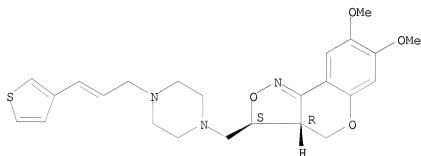


RN 452317-84-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-thienyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

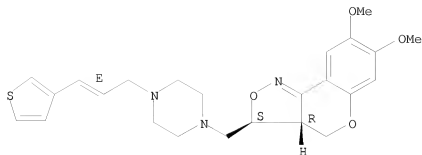


RN 452317-86-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-thienyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

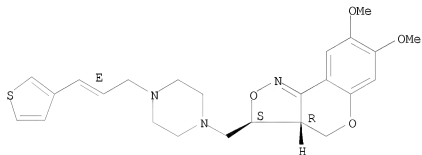
Rotation (+). Absolute stereochemistry unknown.

Double bond geometry as shown.



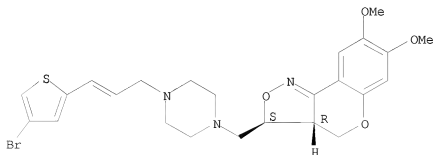
RN 452317-89-4 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-thienyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
 Double bond geometry as shown.



RN 452317-92-9 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-bromo-2-thienyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

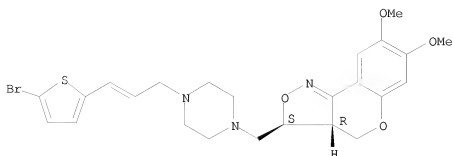
Relative stereochemistry.
 Double bond geometry unknown.



RN 452317-94-1 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(5-bromo-2-thienyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

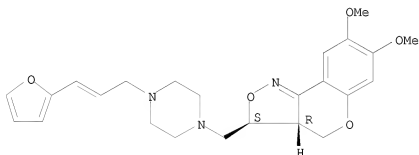


RN 452317-96-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-furanyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

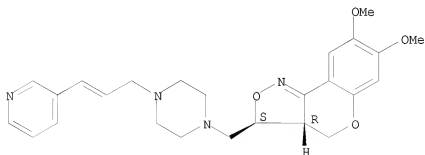


RN 452317-99-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-pyridinyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

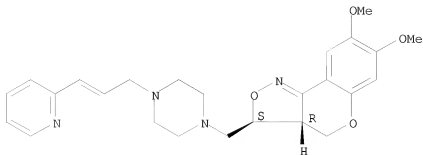
Double bond geometry unknown.



RN 452318-02-4 CAPLUS

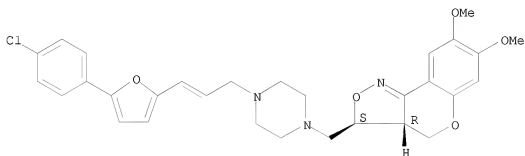
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(2-pyridinyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



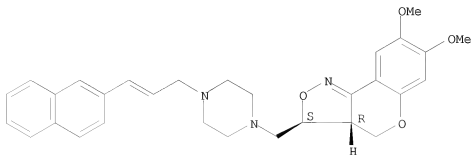
RN 452318-04-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-[5-(4-chlorophenyl)-2-furanyl]-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



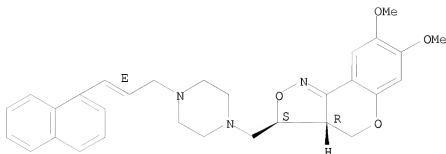
RN 452318-07-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(2-naphthalenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452318-09-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(1-naphthalenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

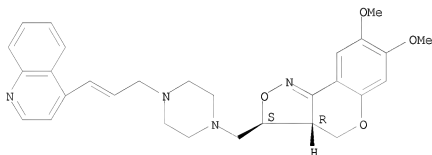
Relative stereochemistry.
Double bond geometry as shown.



● 2 HCl

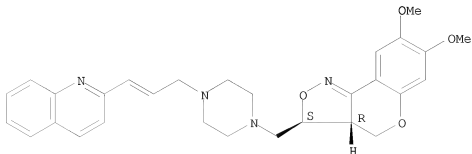
RN 452318-11-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(4-quinolinyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



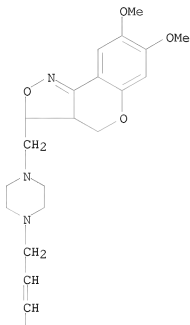
RN 452318-13-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(2-quinolinyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

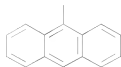


RN 452318-15-9 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(9-anthracenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)

PAGE 1-A

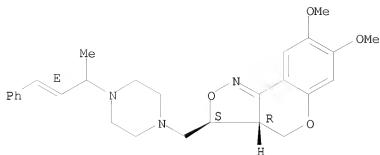


PAGE 2-A



RN 452318-18-2 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-1-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

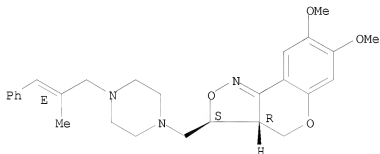
Relative stereochemistry.
 Double bond geometry as shown.



RN 452318-20-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

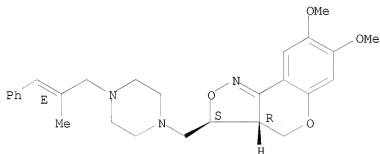
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452318-22-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



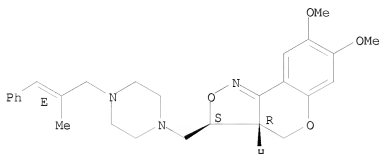
● 2 HC1

RN 452318-24-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-

2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-, (3S,3aR)-rel-(-)-
(CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452318-27-3 CAPLUS

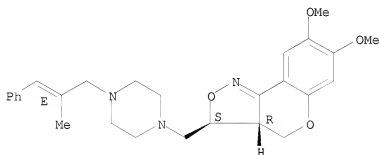
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel-, (2E)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 452318-26-2

CMF C27 H33 N3 O4

Relative stereochemistry.
Double bond geometry as shown.



CM 2

CRN 110-17-8

CMF C4 H4 O4

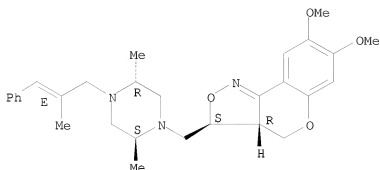
Double bond geometry as shown.



RN 452318-30-8 CAPLUS

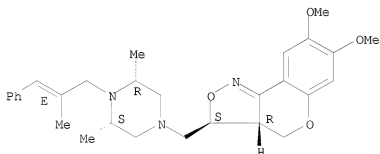
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[[(2R,5S)-2,5-dimethyl-4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3S,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



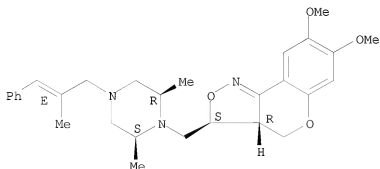
RN 452318-32-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[3S,5R)-3,5-dimethyl-4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-34-2 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[2S,6R)-2,6-dimethyl-4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

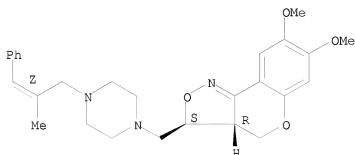
Relative stereochemistry.
Double bond geometry as shown.



RN 452318-36-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2Z)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]- (CA INDEX NAME)

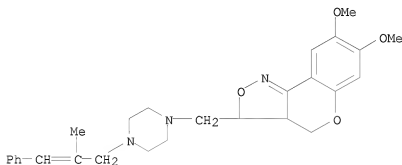
2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-, (3R,3aS)-rel-
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



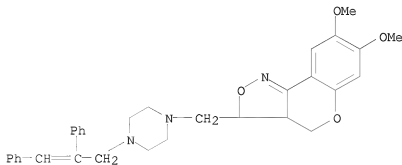
RN 452318-38-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-methyl-3-phenyl-2-propen-1-yl)-1-piperazinyl)methyl]- (CA INDEX NAME)



RN 452318-41-1 CAPLUS

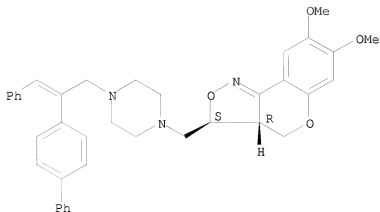
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2,3-diphenyl-2-propen-1-yl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy- (CA INDEX NAME)



RN 452318-43-3 CAPLUS

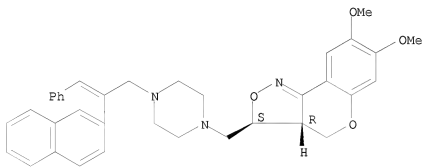
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-[1,1'-biphenyl]-4-yl-3-phenyl-2-propen-1-yl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



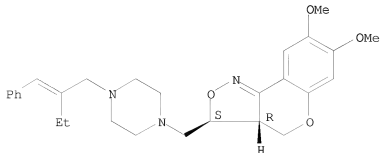
RN 452318-45-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[2-(2-naphthalenyl)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 452318-47-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[2-(phenylmethylene)butyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

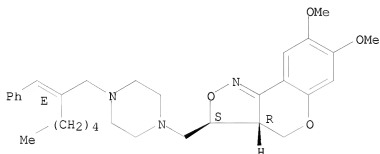


RN 452318-49-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-(phenylmethylene)heptyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

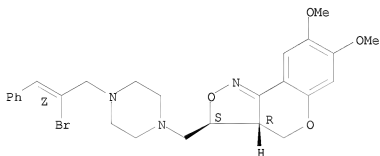


RN 452318-52-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-2-bromo-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

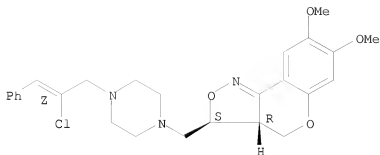


RN 452318-54-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-2-chloro-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

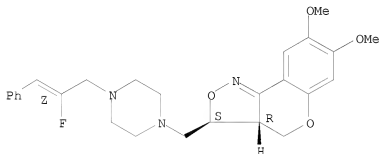
Relative stereochemistry.

Double bond geometry as shown.



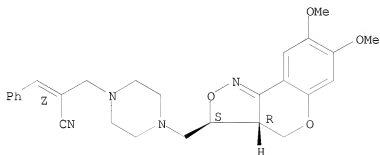
RN 452318-57-9 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-2-fluoro-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 452318-60-4 CAPLUS
 CN 1-Piperazinepropanenitrile, 4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-α-(phenylmethylene)-, (αZ)-rel- (CA INDEX NAME)

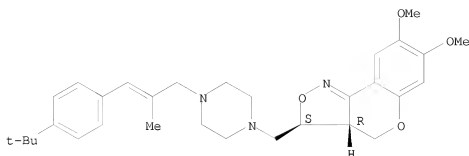
Relative stereochemistry.
 Double bond geometry as shown.



RN 452318-63-7 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-[4-(1,1-dimethylethyl)phenyl]-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

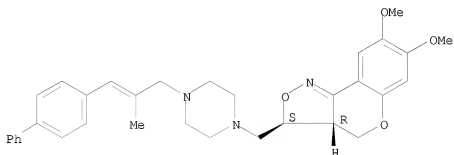


RN 452318-65-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(3-[1,1'-biphenyl]-4-yl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

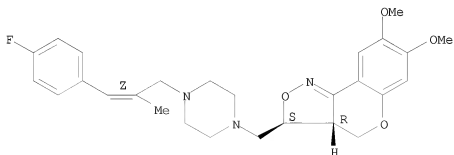


RN 452318-67-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

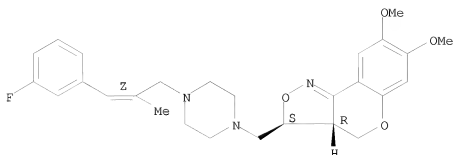
Double bond geometry as shown.



RN 452318-69-3 CAPLUS

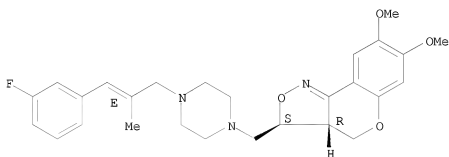
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



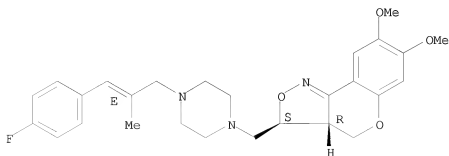
RN 452318-71-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



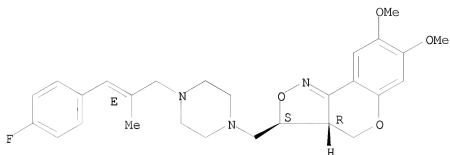
RN 452318-73-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



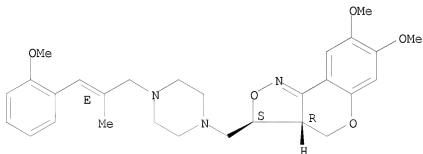
RN 452318-75-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



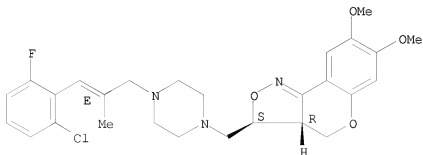
RN 452318-77-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methoxyphenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452318-79-5 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-chloro-6-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

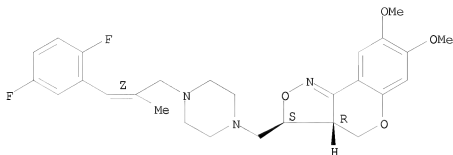
Relative stereochemistry.
Double bond geometry as shown.



RN 452318-81-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-(2,5-difluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-,

(3R,3aS)-rel- (CA INDEX NAME)

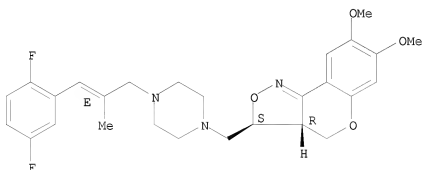
Relative stereochemistry.
Double bond geometry as shown.



RN 452318-83-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,5-difluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

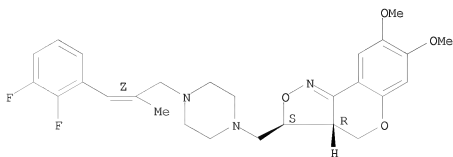
Relative stereochemistry.
Double bond geometry as shown.



RN 452318-85-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-(2,3-difluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

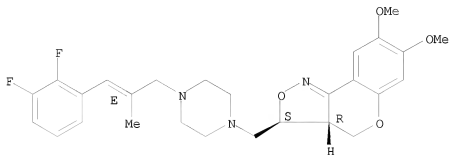
Relative stereochemistry.
Double bond geometry as shown.



RN 452318-87-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,3-difluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

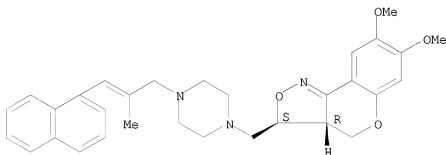
Relative stereochemistry.
Double bond geometry as shown.



RN 452318-89-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[2-methyl-3-(1-naphthalenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

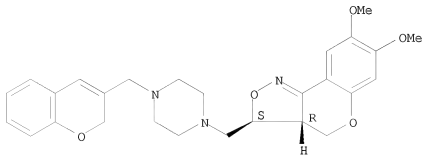
Relative stereochemistry.
Double bond geometry unknown.



RN 452318-91-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2H-1-benzopyran-3-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

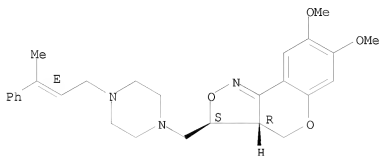
Relative stereochemistry.



RN 452318-93-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

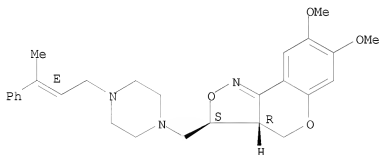
Relative stereochemistry.
Double bond geometry as shown.



RN 452318-95-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

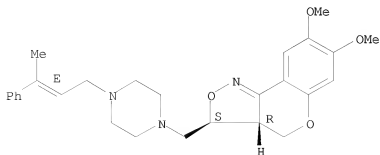
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452318-97-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.

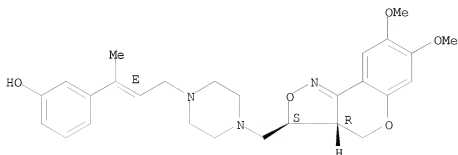


RN 452318-99-9 CAPLUS

CN Phenol, 3-[(1E)-3-[4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-methyl-1-propen-1-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

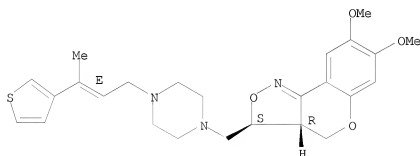


RN 452319-01-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-thienyl)-2-buten-1-yl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

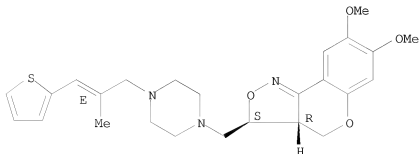


RN 452319-03-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(2-thienyl)-2-propen-1-yl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

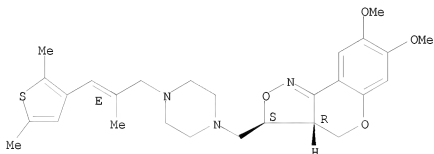


RN 452319-05-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,5-dimethyl-3-thienyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

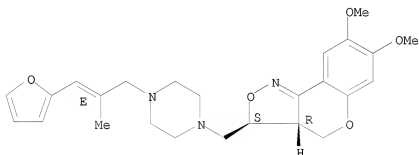


RN 452319-07-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-furanyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

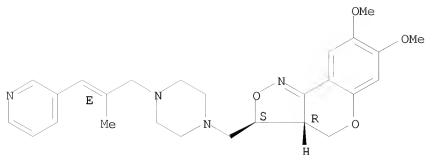


RN 452319-09-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(3-pyridinyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

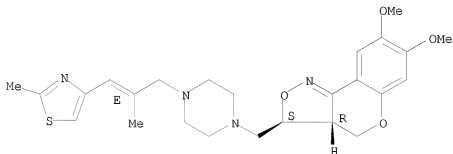
Relative stereochemistry.

Double bond geometry as shown.



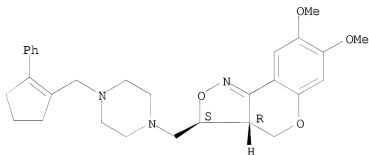
RN 452319-11-8 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(2-methyl-4-thiazolyl)-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



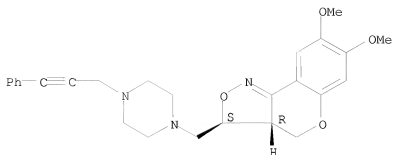
RN 452319-13-0 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2-phenyl-1-cyclopenten-1-yl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452319-15-2 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenyl-2-propyn-1-yl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

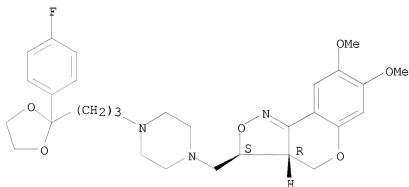
Relative stereochemistry.



RN 452319-17-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-[2-(4-fluorophenyl)-1,3-dioxolan-2-yl]propyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

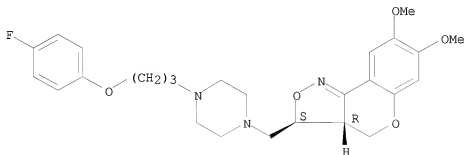
Relative stereochemistry.



RN 452319-20-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-fluorophenoxy)propyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

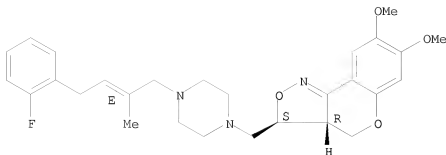


RN 452319-22-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-[2-(2-fluorophenyl)-2-methyl-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

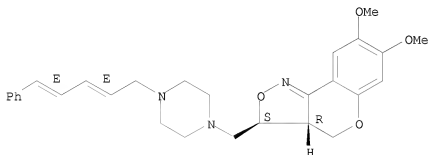
Relative stereochemistry.

Double bond geometry as shown.



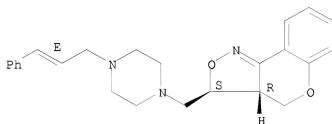
RN 452319-24-3 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E,4E)-5-phenyl-2,4-pentadien-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



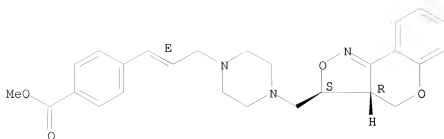
RN 452319-25-4 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 452319-27-6 CAPLUS
 CN Benzoic acid, 4-[(1E)-3-[4-[(3R,3aS)-3a,4-dihydro-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-propen-1-yl]-, methyl ester, rel- (CA INDEX NAME)

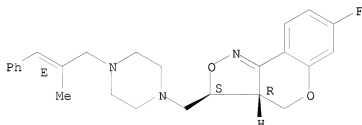
Relative stereochemistry.
 Double bond geometry as shown.



RN 452319-29-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-fluoro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

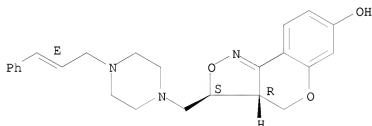
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-31-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

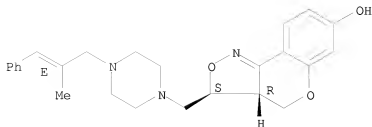
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-33-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

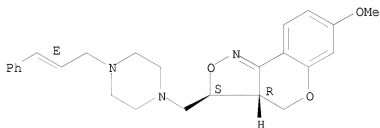
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-35-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

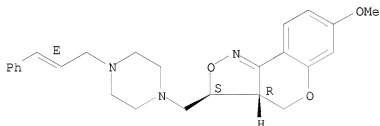
Relative stereochemistry.
Double bond geometry as shown.



RN 452319-37-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.

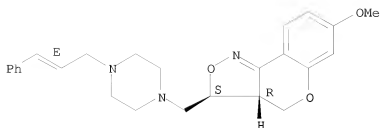


● 2 HCl

RN 452319-39-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.



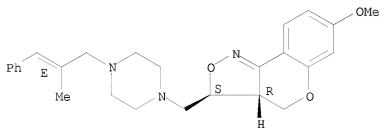
●2 HCl

RN 452319-41-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

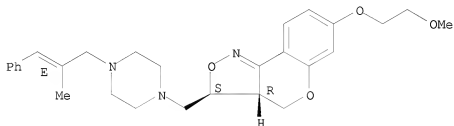


RN 452319-43-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-(2-methoxyethoxy)-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



IT 452319-45-8P 452319-47-0P 452319-49-2P
 452319-51-6P 452319-53-8P 452319-55-0P
 452319-57-2P 452319-59-4P 452319-61-8P
 452319-63-0P 452319-65-2P 452319-67-4P
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 452319-75-4P 452319-77-6P 452319-78-7P
 452319-80-1P 452319-81-2P 452319-83-4P
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452319-97-0P 452319-99-2P 452320-01-3P
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 452320-21-7P 452320-23-9P 452320-25-1P
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 452321-55-0P 452321-57-2P 452321-59-4P
 452321-61-8P 452934-93-9P 452934-94-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

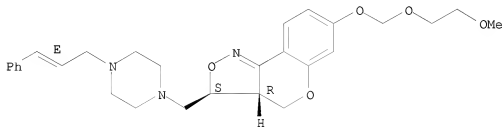
(target compound; preparation and pharmaceutical activity of substituted
 isoxazolines as anti-depressants)

RN 452319-45-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-[(2-
 methoxyethoxy)methoxy]-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-
 piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

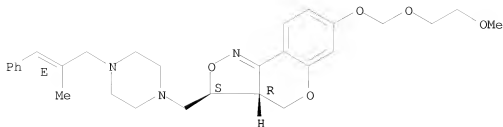


RN 452319-47-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-[(2-
 methoxyethoxy)methoxy]-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-
 piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

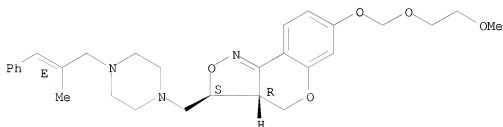


RN 452319-49-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methoxy]-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



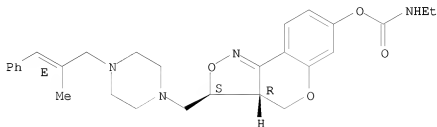
● 2 HCl

RN 452319-51-6 CAPLUS

CN Carbamic acid, ethyl-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

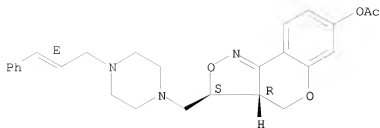


RN 452319-53-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, 7-acetate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

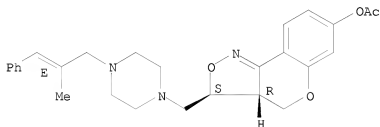


RN 452319-55-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, 7-acetate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

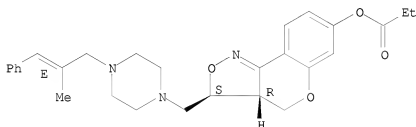


RN 452319-57-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, 7-propanoate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

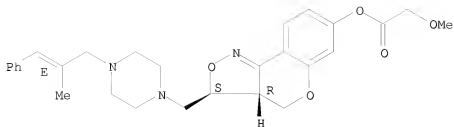


RN 452319-59-4 CAPLUS

CN Acetic acid, 2-methoxy-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

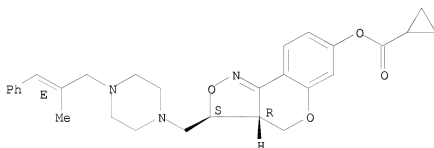


RN 452319-61-8 CAPLUS

CN Cyclopropanecarboxylic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

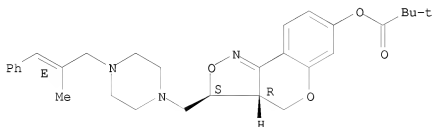


RN 452319-63-0 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

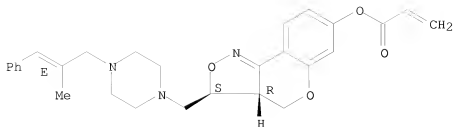


RN 452319-65-2 CAPLUS

CN 2-Propenoic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

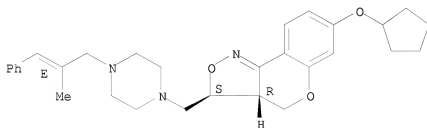


RN 452319-67-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopentylloxy)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

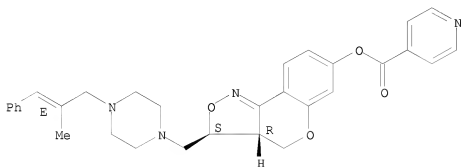


RN 452319-69-6 CAPLUS

CN 4-Pyridinecarboxylic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

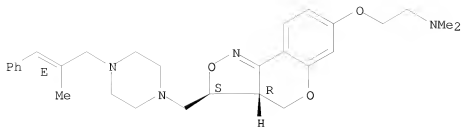


RN 452319-71-0 CAPLUS

CN Ethanamine, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]oxy]-N,N-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

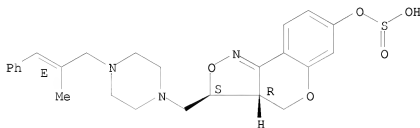


RN 452319-73-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, 7-(hydrogen sulfate), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

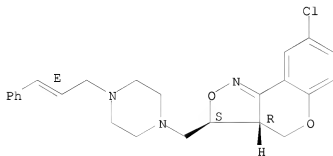


RN 452319-75-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-chloro-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

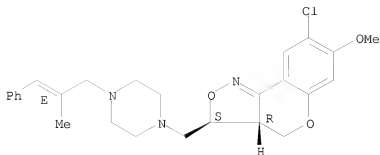


RN 452319-77-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-chloro-3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

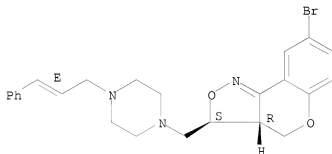


RN 452319-78-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-bromo-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

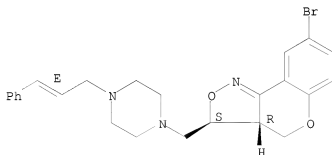


RN 452319-80-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-bromo-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.

Double bond geometry as shown.

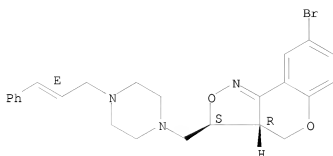


RN 452319-81-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-bromo-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3S,3aR)-rel-(-)- (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.

Double bond geometry as shown.

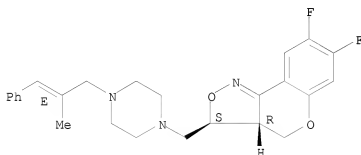


RN 452319-83-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7,8-difluoro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

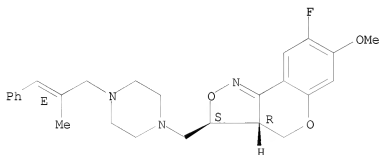


RN 452319-85-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-fluoro-3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

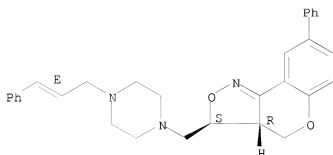
Double bond geometry as shown.



RN 452319-87-8 CAPLUS

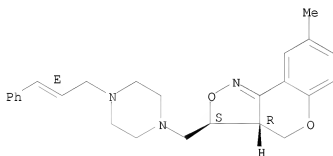
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-phenyl-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



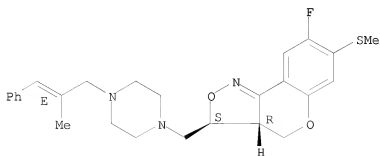
RN 452319-89-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methyl-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



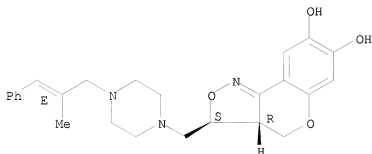
RN 452319-91-4 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-fluoro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-7-(methylthio)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452319-93-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7,8-diol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

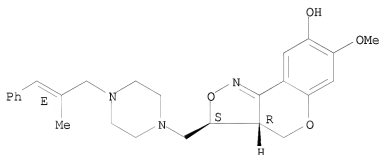
Relative stereochemistry.
Double bond geometry as shown.



● 2 HCl

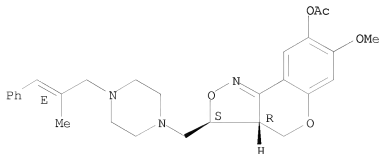
RN 452319-95-8 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-8-ol, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



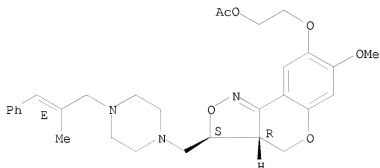
RN 452319-97-0 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-8-ol, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, 8-acetate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



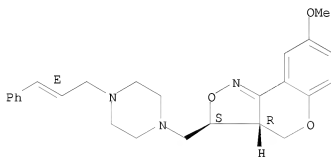
RN 452319-99-2 CAPLUS
 CN Ethanol, 2-[[(3R,3aS)-3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-8-yl]oxy]-, 1-acetate, rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



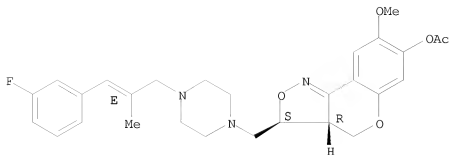
RN 452320-01-3 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 452320-03-5 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, 7-acetate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

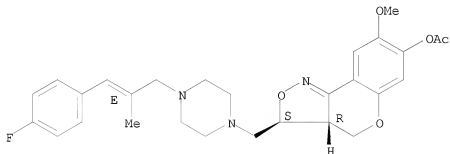


RN 452320-06-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, 7-acetate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

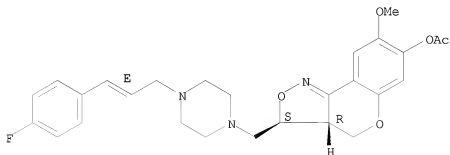


RN 452320-07-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, 7-acetate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

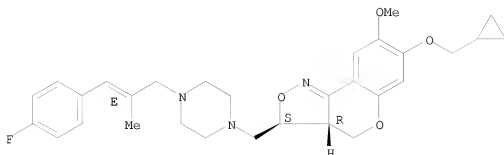


RN 452320-09-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopropylmethoxy)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

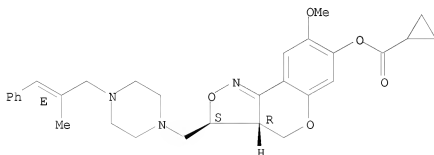


RN 452320-11-5 CAPLUS

CN Cyclopropanecarboxylic acid, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

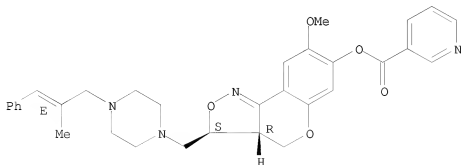


RN 452320-13-7 CAPLUS

CN 3-Pyridinecarboxylic acid, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

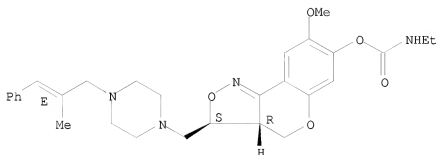
Double bond geometry as shown.



RN 452320-15-9 CAPLUS

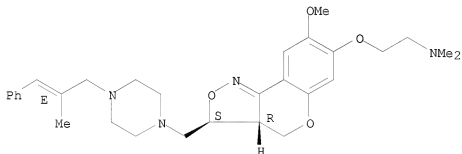
CN Carbamic acid, ethyl-, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



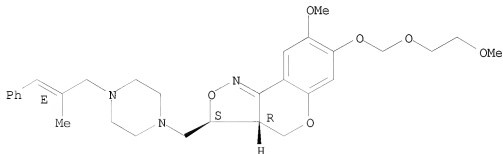
RN 452320-17-1 CAPLUS
CN Ethanamine, 2-[[[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]oxy]-N,N-dimethyl-, rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-19-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-7-[(2-methoxyethoxy)methoxy]-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

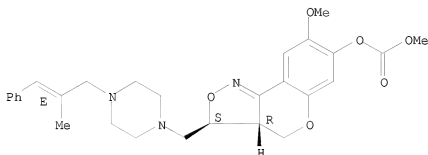


RN 452320-21-7 CAPLUS
CN Carbonic acid, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-

c]isoxazol-7-yl methyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

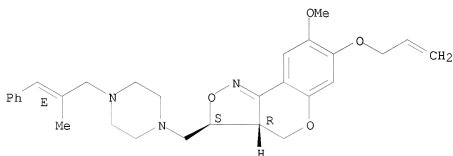


RN 452320-23-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-7-(2-propen-1-yloxy)-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

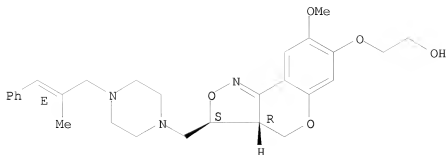


RN 452320-25-1 CAPLUS

CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl[oxy]-, hydrochloride (1:2), rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



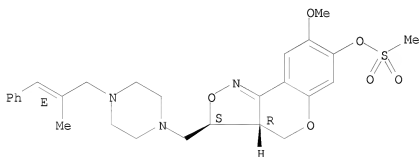
● 2 HCl

RN 452320-27-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, 7-methanesulfonate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

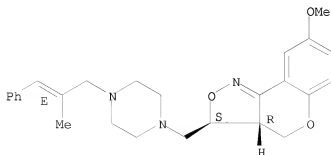


RN 452320-29-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

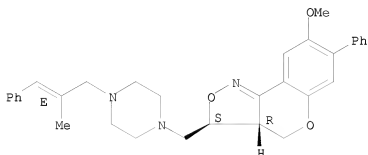


RN 452320-31-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-

methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-7-phenyl-,
(3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-34-2 CAPLUS

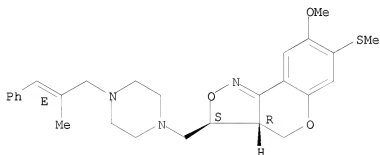
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-7-(methylthio)-, (3R,3aS)-rel-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 452320-33-1

CMF C27 H33 N3 O3 S

Relative stereochemistry.
Double bond geometry as shown.



CM 2

CRN 76-05-1

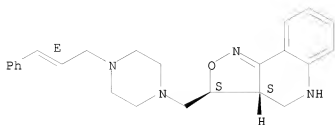
CMF C2 H F3 O2



RN 452320-36-4 CAPLUS

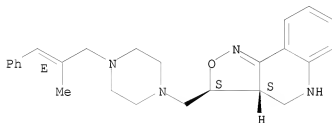
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl)methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



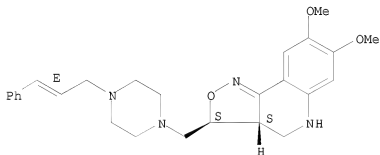
RN 452320-38-6 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



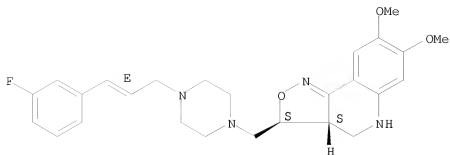
RN 452320-40-0 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452320-42-2 CAPLUS
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (CA INDEX NAME)

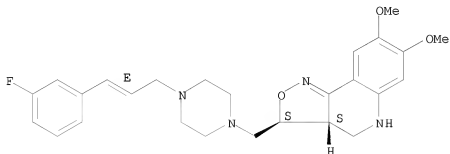
Relative stereochemistry.
Double bond geometry as shown.



RN 452320-44-4 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel-(+)-(CA INDEX NAME)

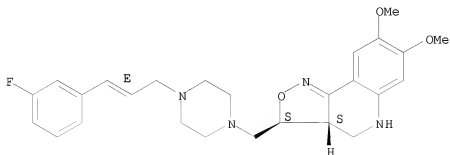
Rotation (+). Absolute stereochemistry unknown.
Double bond geometry as shown.



RN 452320-46-6 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3S,3aS)-rel-(-)-(CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.
Double bond geometry as shown.

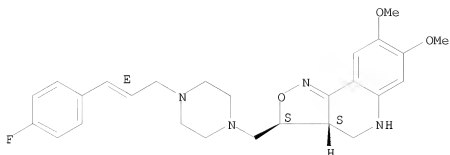


RN 452320-48-8 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propen-1-yl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

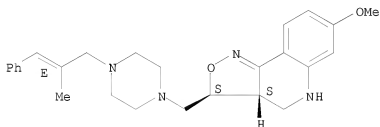


RN 452320-50-2 CAPLUS

CN Isloxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

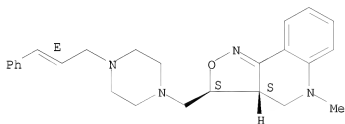


RN 452320-52-4 CAPLUS

CN Isloxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-5-methyl-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

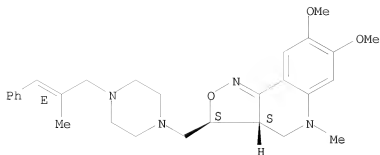


RN 452320-54-6 CAPLUS

CN Isloxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-5-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

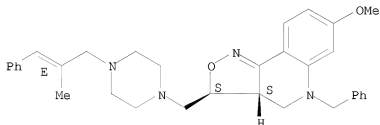
Relative stereochemistry.

Double bond geometry as shown.



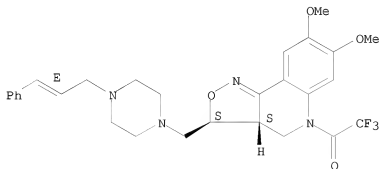
RN 452320-56-8 CAPLUS
 CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-5-(phenylmethyl)-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



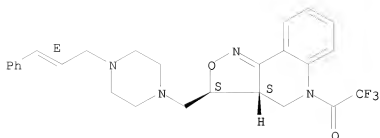
RN 452320-58-0 CAPLUS
 CN Ethanone, 1-[(3R,3aR)-3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]isoxazolo[4,3-c]quinolin-5(3H)-yl]-2,2,2-trifluoro-, rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



RN 452320-60-4 CAPLUS
 CN Ethanone, 1-[(3R,3aR)-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]isoxazolo[4,3-c]quinolin-5(3H)-yl]-2,2,2-trifluoro-, rel- (CA INDEX NAME)

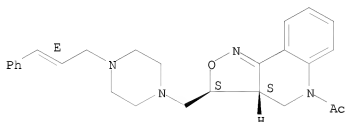
Relative stereochemistry.
 Double bond geometry as shown.



RN 452320-62-6 CAPLUS

CN Ethanone, 1-[(3R,3aR)-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]isoxazolo[4,3-c]quinolin-5(3H)-yl]-, rel- (CA INDEX NAME)

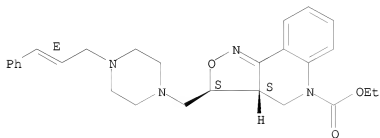
Relative stereochemistry.
Double bond geometry as shown.



RN 452320-64-8 CAPLUS

CN Isoxazolo[4,3-c]quinoline-5(3H)-carboxylic acid, 3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, ethyl ester, (3R,3aR)-rel- (CA INDEX NAME)

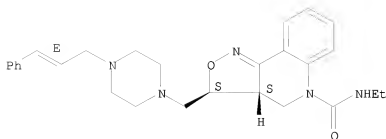
Relative stereochemistry.
Double bond geometry as shown.



RN 452320-66-0 CAPLUS

CN Isoxazolo[4,3-c]quinoline-5(3H)-carboxamide, N-ethyl-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

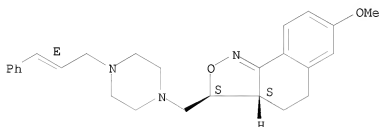
Relative stereochemistry.
Double bond geometry as shown.



RN 452320-68-2 CAPLUS

CN Naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

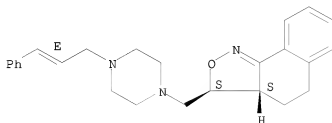


● 2 HCl

RN 452320-70-6 CAPLUS

CN Naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

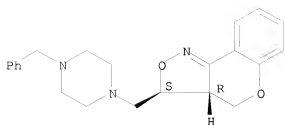
Relative stereochemistry.
Double bond geometry as shown.



RN 452320-72-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(phenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

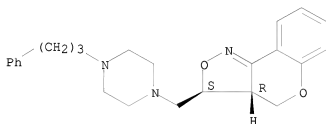
Relative stereochemistry.



RN 452320-74-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(3-phenylpropyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

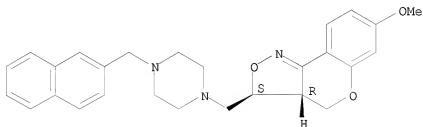
Relative stereochemistry.



RN 452320-76-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



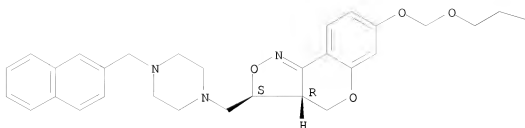
● 2 HCl

RN 452320-78-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methoxy]-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



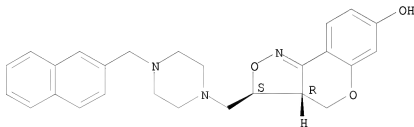
PAGE 1-B

OMe

RN 452320-80-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

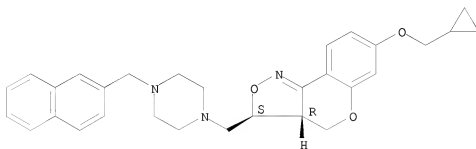
Relative stereochemistry.



RN 452320-82-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopropylmethoxy)-3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

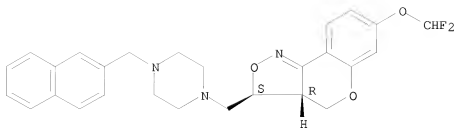
Relative stereochemistry.



RN 452320-84-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(difluoromethoxy)-3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

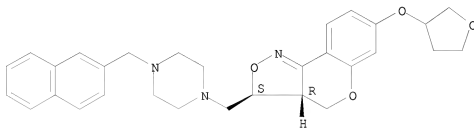
Relative stereochemistry.



RN 452320-86-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-7-[(tetrahydro-3-furanyl)oxy]-, (3R,3aS)-rel- (CA INDEX NAME)

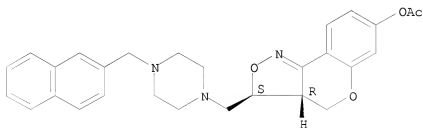
Relative stereochemistry.



RN 452320-88-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, 7-acetate, (3R,3aS)-rel- (CA INDEX NAME)

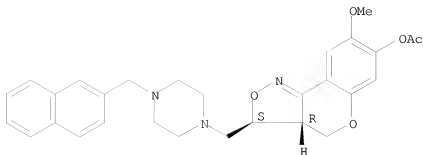
Relative stereochemistry.



RN 452320-90-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, 7-acetate, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

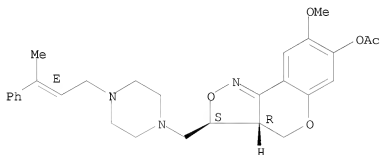


RN 452320-92-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, 7-acetate, (3R,3aS)-rel-
(CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

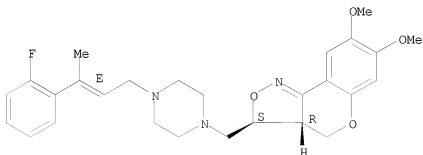


RN 452320-94-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-fluorophenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-
(CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

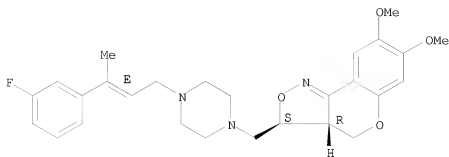


RN 452320-96-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-
(CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

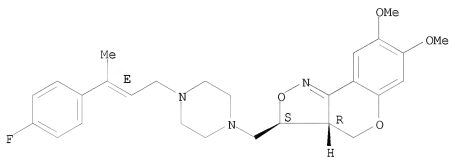


RN 452320-98-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

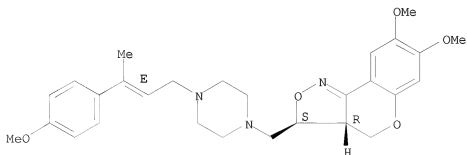


RN 452321-00-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(4-methoxyphenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

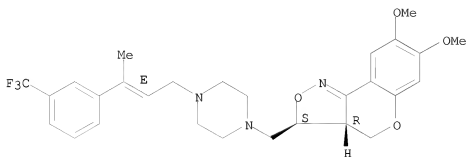
Double bond geometry as shown.



RN 452321-02-7 CAPLUS

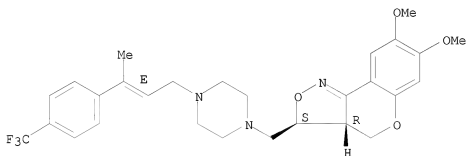
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-[3-(trifluoromethyl)phenyl]-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



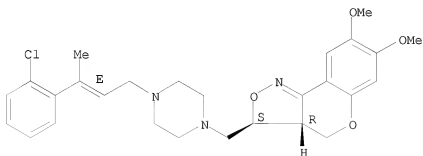
RN 452321-04-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-[4-(trifluoromethyl)phenyl]-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



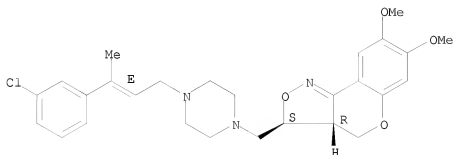
RN 452321-06-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-chlorophenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



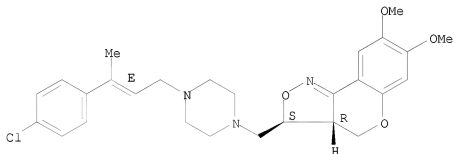
RN 452321-08-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-chlorophenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



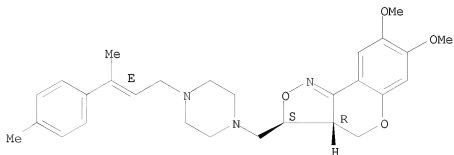
RN 452321-10-7 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-chlorophenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452321-12-9 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(4-methylphenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

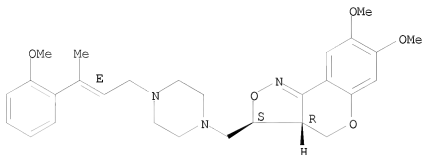
Relative stereochemistry.
Double bond geometry as shown.



RN 452321-14-1 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methoxyphenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-

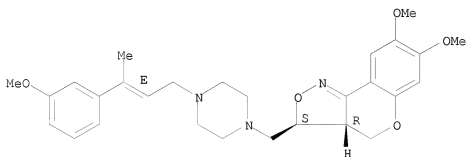
(CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



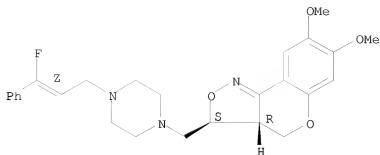
RN 452321-16-3 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-methoxyphenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 452321-19-6 CAPLUS
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-fluoro-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, hydrochloride (1:2), (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



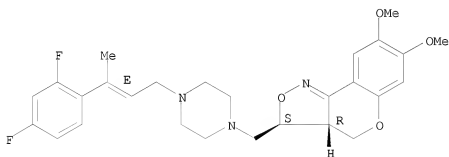
● 2 HCl

RN 452321-21-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,4-difluorophenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

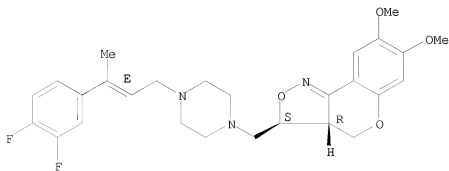


RN 452321-23-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3,4-difluorophenyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

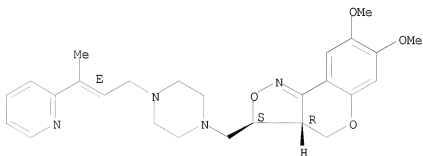
Double bond geometry as shown.



RN 452321-25-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-pyridinyl)-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

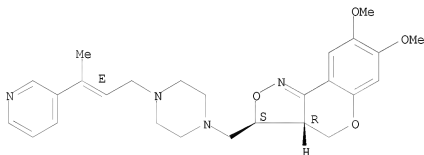
Relative stereochemistry.
Double bond geometry as shown.



RN 452321-27-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-pyridinyl)-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

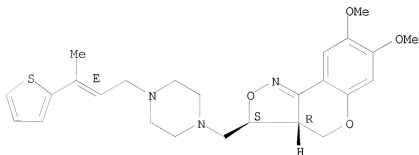
Relative stereochemistry.
Double bond geometry as shown.



RN 452321-29-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-thienyl)-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

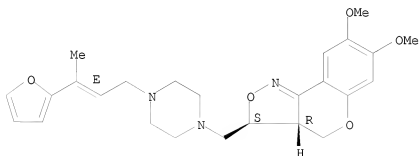


RN 452321-31-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-furanyl)-2-buten-1-yl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

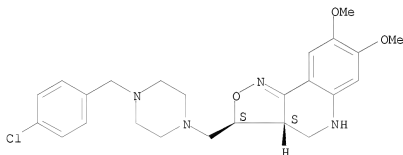
Double bond geometry as shown.



RN 452321-33-4 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(4-chlorophenyl)methyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (CA INDEX NAME)

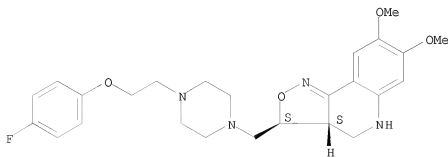
Relative stereochemistry.



RN 452321-35-6 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2-(4-fluorophenoxy)ethyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (CA INDEX NAME)

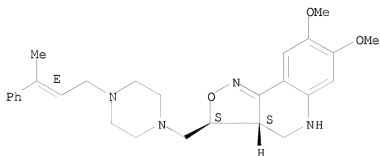
Relative stereochemistry.



RN 452321-37-8 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-buten-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

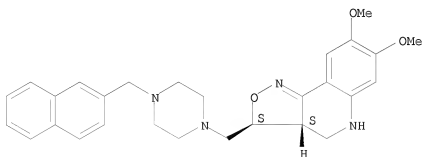
Relative stereochemistry.
Double bond geometry as shown.



RN 452321-39-0 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

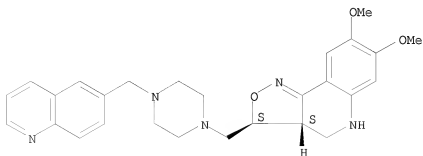
Relative stereochemistry.



RN 452321-41-4 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-(6-quinolinylmethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

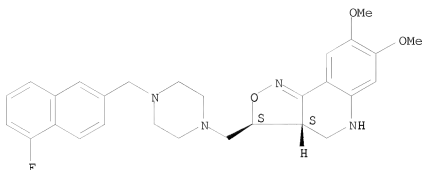
Relative stereochemistry.



RN 452321-43-6 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(5-fluoro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (CA INDEX NAME)

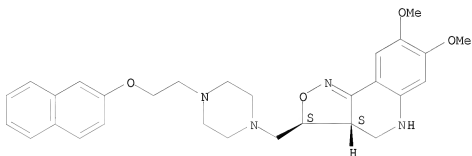
Relative stereochemistry.



RN 452321-45-8 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-(2-(2-naphthalenyloxy)ethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

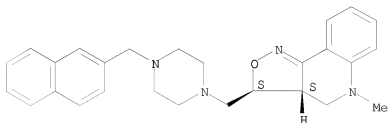
Relative stereochemistry.



RN 452321-47-0 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-5-methyl-3-[[4-(2-naphthalenylmethoxy)ethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

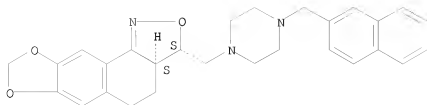
Relative stereochemistry.



RN 452321-49-2 CAPLUS

CN [1,3]Dioxolo[6,7]naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-3-[[4-(2-naphthalenylmethoxy)ethyl)-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aR)-rel- (CA INDEX NAME)

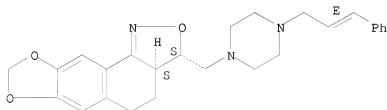
Relative stereochemistry.



● 2 HCl

RN 452321-51-6 CAPLUS
 CN [1,3]Dioxolo[6,7]naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, hydrochloride (1:2), (3R,3aR)-rel- (CA INDEX NAME)

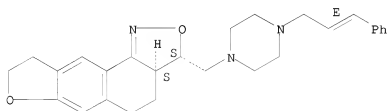
Relative stereochemistry.
 Double bond geometry as shown.



● 2 HCl

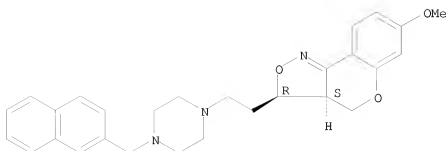
RN 452321-53-8 CAPLUS
 CN Furo[2',3':6,7]naphth[1,2-c]isoxazole, 3,3a,4,5,8,9-hexahydro-3-[[4-[(2E)-3-phenyl-2-propen-1-yl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



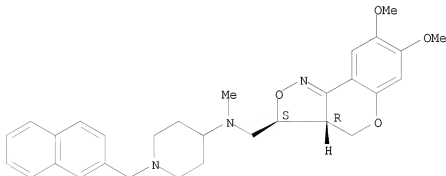
RN 452321-55-0 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[2-[4-(2-naphthalenyl)methyl]-1-piperazinyl]ethyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



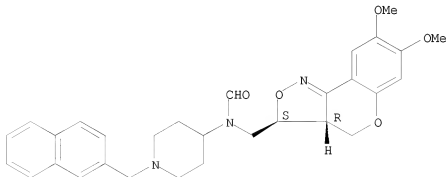
RN 452321-57-2 CAPLUS
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanamine, 3a,4-dihydro-7,8-dimethoxy-N-methyl-N-[1-(2-naphthalenylmethyl)-4-piperidinyl]-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



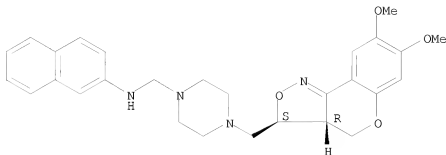
RN 452321-59-4 CAPLUS
 CN Formamide, N-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-N-[1-(2-naphthalenylmethyl)-4-piperidinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 452321-61-8 CAPLUS
 CN 1-Piperazinemethanamine, 4-[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-N-2-naphthalenyl-, rel- (CA INDEX NAME)

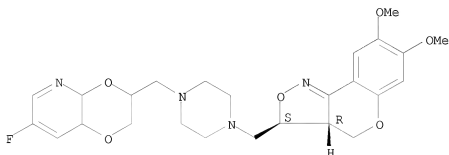
Relative stereochemistry.



RN 452934-93-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(7-fluoro-2,3,4a,8a-tetrahydro-1,4-dioxino[2,3-b]pyridin-3-yl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

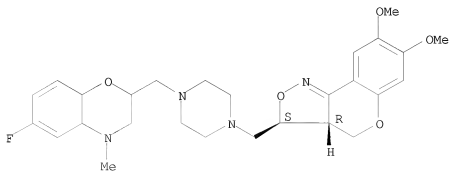
Relative stereochemistry.



RN 452934-94-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(6-fluoro-3,4,4a,8a-tetrahydro-4-methyl-2H-1,4-benzoxazin-2-yl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

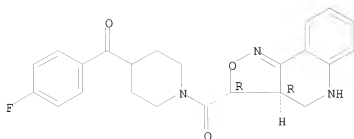
L3 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:260283 CAPLUS

DOCUMENT NUMBER: 132:293757
 TITLE: Preparation of novel 4,5-dihydroisoxazole derivatives and their use as pharmaceuticals for T cell-mediated diseases
 INVENTOR(S): Freyne, Eddy Jean Edgard; Andres-Gil, Jose Ignacio; Deroose, Frederik Dirk; Petit, Davy Petrus Franciscus Maria; Matesanz-Ballesteros, Maria Encarnacion; Alvarez Escobar, Rosa Maria
 PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.
 SOURCE: PCT Int. Appl., 108 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000021959	A1	20000420	WO 1999-EP7803	19991007
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2346396	A1	20000420	CA 1999-2346396	19991007
EP 1119568	A1	20010801	EP 1999-953847	19991007
EP 1119568	B1	20040218		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002527438	T	20020827	JP 2000-575865	19991007
AU 763460	B2	20030724	AU 2000-10393	19991007
AT 259803	T	20040315	AT 1999-953847	19991007
ES 2216579	T3	20041016	ES 1999-953847	19991007
US 6583141	B1	20030624	US 2001-807149	20010406
HK 1038565	A1	20040618	HK 2002-100274	20020115
US 20040019059	A1	20040129	US 2003-403543	20030331
PRIORITY APPLN. INFO.:				
			EP 1998-203394	A 19981009
			WO 1999-EP7803	W 19991007
			US 2001-807149	A3 20010406
OTHER SOURCE(S): MARPAT 132:293757				
IT 264606-16-8P				
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (target compound; preparation of dihydroisoxazole derivs. as antiproliferatives and immunomodulators)				
RN 264606-16-8 CAPLUS				
CN Piperidine, 4-(4-fluorobenzoyl)-1-[(3R,3aR)-3,3a,4,5-tetrahydroisoxazolo[4,3-c]quinolin-3-yl]carbonyl]-, rel- (9CI) (CA INDEX NAME)				

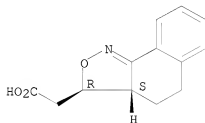
Relative stereochemistry.



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1997:431584 CAPLUS
 DOCUMENT NUMBER: 127:149098
 ORIGINAL REFERENCE NO.: 127:28805a,28808a
 TITLE: A convenient synthesis of 3- and 3,4-substituted 4,5-dihydroisoxazole-5-acetic acids
 AUTHOR(S): Eichinger, Karl; Wokurek, Michael; Zauner, Bernd; Rostami, Mohammad Reza
 CORPORATE SOURCE: Institute of Organic Chemistry, Vienna University of Technology, Vienna, A-1060, Austria
 SOURCE: Synthetic Communications (1997), 27(16), 2733-2742
 CODEN: SYNCAV; ISSN: 0039-7911
 PUBLISHER: Dekker
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 127:149098
 IT 193267-45-7P
 RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of isoxazoleacetic acids)
 RN 193267-45-7 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-acetic acid, 3,3a,4,5-tetrahydro-, (3R,3aS)-rel- (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1995:228191 CAPLUS
 DOCUMENT NUMBER: 122:81272
 ORIGINAL REFERENCE NO.: 122:15443a,15446a
 TITLE: Nitrile oxide [3 + 2] cycloaddition: application to the synthesis of 6-substituted 3(2H)-pyridazinones and 6-substituted 4,5-dihydro-4-hydroxy-3(2H)-

pyridazinones

AUTHOR(S): Baraldi, P. G.; Bigoni, A.; Cacciari, B.; Caldari, C.; Manfredini, S.; Spalluto, G.

CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Univ. di Ferrara, Ferrara, I-44100, Italy

SOURCE: Synthesis (1994), (11), 1158-62
CODEN: SYNTBF; ISSN: 0039-7881

PUBLISHER: Thieme

DOCUMENT TYPE: Journal

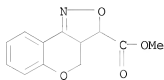
LANGUAGE: English

OTHER SOURCE(S): CASREACT 122:81272

IT 160427-31-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(nitrile oxide [3 + 2] cycloaddn. to pyridazinones)

RN 160427-31-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-, methyl ester (CA INDEX NAME)



L3 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1995:94454 CAPLUS

DOCUMENT NUMBER: 123:111970

ORIGINAL REFERENCE NO.: 123:20005a,20008a

TITLE: Pyridazin-3(2H)-ones via A2-isoxazoline intermediates: synthetic studies

AUTHOR(S): Baraldi, Pier Giovanni; Spalluto, Giampiero; Manfredini, Stefano; Simoni, Daniele

CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Università di Ferrara, Ferrara, Italy

SOURCE: Acta Chimica Slovenica (1994), 41(2), 149-72
CODEN: ACSLE7; ISSN: 1318-0207

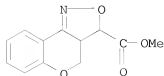
DOCUMENT TYPE: Journal

LANGUAGE: English

IT 160427-31-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of benzopyranopyridazinone)

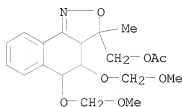
RN 160427-31-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-, methyl ester (CA INDEX NAME)

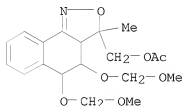


L3 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1993:428382 CAPLUS
 DOCUMENT NUMBER: 119:28382
 ORIGINAL REFERENCE NO.: 119:5269a,5272a
 TITLE: New synthetic strategy for the construction of the BCD ring system of tanshinones
 AUTHOR(S): Shishido, Kozo; Takata, Takeshi; Omodani, Tomoki; Shibuya, Masayuki
 CORPORATE SOURCE: Inst. Med. Resour., Univ. Tokushima, Tokushima, 770, Japan
 SOURCE: Chemistry Letters (1993), (3), 557-60
 CODEN: CMLTAG; ISSN: 0366-7022
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 119:28382
 IT 148117-54-8P 148153-87-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and deacetylation of)
 RN 148117-54-8 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro-4,5-bis(methoxymethoxy)-3-methyl-, acetate (ester), (3 α ,3 α ,4 α ,5 β)- (9CI) (CA INDEX NAME)



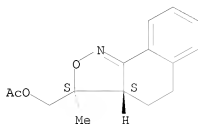
RN 148153-87-1 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro-4,5-bis(methoxymethoxy)-3-methyl-, acetate (ester), (3 α ,3 α ,4 β ,5 α)- (9CI) (CA INDEX NAME)



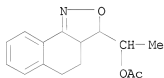
L3 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1993:234262 CAPLUS
 DOCUMENT NUMBER: 118:234262
 ORIGINAL REFERENCE NO.: 118:40591a,40594a
 TITLE: A general synthetic route to fused furans. Total synthesis of (+)-pallascensin A
 AUTHOR(S): Shishido, Kozo; Umimoto, Koji; Ouchi, Mikiko; Irie, Osamu; Omodani, Tomoki; Takata, Takeshi; Shibuya, Masayuki
 CORPORATE SOURCE: Inst. Med. Resour., Univ. Tokushima, Tokushima, 770, Japan

SOURCE: Journal of Chemical Research, Synopses (1993), (2), 58-9
 CODEN: JRPSDC; ISSN: 0308-2342
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 147378-11-8P 147378-13-0P 147378-14-1P
 147511-14-6P 147511-15-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and deacetylation of)
 RN 147378-11-8 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro-3-methyl-, acetate (ester), cis- (9CI) (CA INDEX NAME)

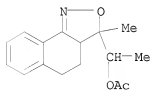
Relative stereochemistry.



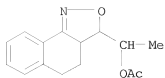
RN 147378-13-0 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α -methyl-, acetate (ester), [3 α (S*),3 $\alpha\alpha$]- (9CI) (CA INDEX NAME)



RN 147378-14-1 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α ,3-dimethyl-, acetate (ester), [3 α (S*),3 $\alpha\alpha$]- (9CI) (CA INDEX NAME)

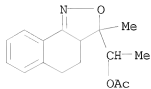


RN 147511-14-6 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α -methyl-, acetate (ester), [3 α (R*),3 $\alpha\alpha$]- (9CI) (CA INDEX NAME)



RN 147511-15-7 CAPLUS

CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α ,3-dimethyl-, acetate (ester), [3 α (R*),3 $\alpha\alpha$]- (9CI) (CA INDEX NAME)



IT 147378-22-1P 147378-23-2P 147511-12-4P

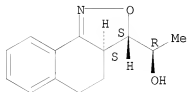
147511-13-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation, hydrolysis, and cyclization of)

RN 147378-22-1 CAPLUS

CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α -methyl-, [3 α (S*),3 $\alpha\alpha$]- (9CI) (CA INDEX NAME)

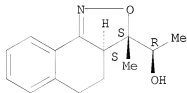
Relative stereochemistry.



RN 147378-23-2 CAPLUS

CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α ,3-dimethyl-, [3 α (S*),3 $\alpha\alpha$]- (9CI) (CA INDEX NAME)

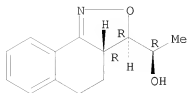
Relative stereochemistry.



RN 147511-12-4 CAPLUS

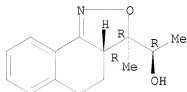
CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α -methyl-, [3 α (R*),3 $\alpha\alpha$]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 147511-13-5 CAPLUS
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- α ,3-dimethyl-, [3 α (R*),3 $\alpha\alpha$]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L3 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1981:462048 CAPLUS
 DOCUMENT NUMBER: 95:62048
 ORIGINAL REFERENCE NO.: 95:10479a,10482a
 TITLE: Fused heterocycles: Part III. Attempted synthesis of 4,5-dihydro-3-arylnaphth[1,2-c]isoxazoles
 AUTHOR(S): Rao, C. Janakiram; Reddy, K. Malla; Murthy, A. Krishna
 CORPORATE SOURCE: Dep. Chem., Kakatiya Univ., Warangal, 506 009, India
 SOURCE: Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1981), 20B(4), 282-4
 CODEN: IJSBDB; ISSN: 0376-4699
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 95:62048
 IT 78364-57-5P
 RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)
 RN 78364-57-5 CAPLUS
 CN Naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-3-(4-methylphenyl)-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

